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March 9, 1916

THE MUTSUN DIALECT OF COSTANOAN BASED ON THE VOCABULARY OF DE LA CUESTA

BY

J. ALDEN MASON

UNIVERSITY OF CALIFORNIA PRESS BERKELEY

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INTRODUCTION

A century ago Father Felipe Arroyo de la Cuesta, one of the most earnest and indefatigable members of the order of St. Francis, collected a mass of 2884 words, phrases, and sentences from the language of the Mutsun Indians, spoken at his mission of San Juan Bautista near Monterey, California. At about the same time he composed a grammar of the language, which is one of the branches of the Costanoan linguistic group. These two manuscripts were sent by Alexander S. Taylor to the Smithsonian Institute, which loaned them for publication to John G. Shea, in whose Library of American Linguistics they appear as volumes IV and VIII, 1861 and 1862. Together they form one of the fullest and most complete collections of data extant on a Pacific Coast There is little doubt that the missionary knew the language well and interpreted its psychology and spirit fairly correctly. In his grammar there appears less strict adherence to the form and structure of Latin grammar, less subconscious premise of Latin as the standard par excellence than is generally found in grammars of this time and type. Nevertheless, in spite of the comparative excellence of the grammar, but because of its lack of scientific arrangement, unphonetic orthography, and the foreign tongue, it is deemed better to rearrange and formulate the grammar, using as a basis the phrases of the vocabulary.

The phrase-book is likewise unfortunate in that it is at present almost inaccessible to the modern student, due to its faulty arrangement. This is done alphabetically according to the initial letter of the sentence, the various stems being scattered throughout the nearly three thousand sentences. The same difficulties of unphonetic orthography and Spanish language likewise obtain here.

Several years ago Dr. Kroeber had the majority of the phrases comprising the more important of the sentences copied to a card-index. I have recently spent some time in working over the material thus secured, arranging cards according to stems and isolating grammatical particles. The following paper embodies the results of this research.

While the grammar of De la Cuesta is the most complete ever published on a Costanoan language, several more scientific treatises have been produced in the last few years, principally by the University of California. These are, "Languages of the Coast of California South of San Francisco," and "The Chumash and Costanoan Languages." Other pertinent works are "Phonetic Constituents of the Native Languages of California," "The Native Languages of California," and "New Linguistic Families in California."

The present paper consists of two parts, first an exposition of the etymological and morphological elements upon which the structure of the language is based, and second a list of the various stems of all classes found in the material, though, since not all of the phrases were transferred to cards, this does not entirely exhaust all those in the original phrase-book. These are appended partly as reference for the examples of morphological and etymological word-structure previously cited, but more particularly as an aid to the larger work of comparison of Mutsun with kindred Costanoan and other extra-group languages. The recent proposal of the "Penutian" linguistic family, to which Mutsun would belong, renders such a glossary invaluable for purposes of comparison.

¹ A. L. Kroeber, present series, II, 29-80, 1904.

² Ibid., IX, 237-271, 1910.

³ Ibid., x, 1-12, 1911.

⁴ R. B. Dixon and A. L. Kroeber, American Anthropologist, n.s., v, 1-26, 1903.

⁵ Ibid., n.s., xv, 647-655, 1913.

PART I. STRUCTURE

GENERAL CHARACTERISTICS

The surprisingly close similarity between the general morphologic structure and Sprachgeist of Costanoan and other languages of its type and Indo-European has already been noted but is none the less striking. The main characteristics of the language may be thus summarized. Phonetic simplicity and comparative unimportance of rules of phonetic change; complete lack of incorporation, either nominal or pronominal; complete absence of prefixes; independent pronouns; nominal case endings; and comparative simplicity of categories of mood, tense and number, necessitating an immense number of dissimilar stems of relatively slight difference in significance.

PHONETIC SYSTEM

The phonetic system of Mutsun and of Costanoan appears to be relatively simple. The vowels are a, e, i, o, u, all appearing open in quality. The Spanish orthography is perfectly satisfactory for expressing these sounds and no change has been made in transcription. Rarely a vowel is found in the phrase-book with circumflex accent and very rarely with acute accent, but as no uniformity in thus spelling any word is evident, and as the phonetic variation thus expressed is not described, such marks have been disregarded.

The consonants seem to be only w, y, m, n, l, r, s, c, x, h, p, t, t, k, and tc. m, n, l, r, s, p, and t (dental or interdental) are probably correctly expressed in De la Cuesta's Spanish orthography and are left unchanged. w is generally expressed in Spanish by hu with following vowel. De la Cuesta writes hua, hue, hui, and once $h\ddot{u}o$. He further uses often gua, $g\ddot{u}e$, $g\ddot{u}i$, and guo which denote in Spanish gwa, gwe, gwi and gwo. There is no sonant g in Costanoan, though the k has an intermediate quality. We find, however, that, though the hu- and gu- orthographies are each generally used consistently for certain stems,

there are occasional cases of identity, e.g., guallun, huallun, huolon, "be envious;" huilo, guilo, "signal 'yes' with the eyes;" huipa, güipa, "invite"; güeren, weren, "rabbit." Similarly the gu- orthography without the diaresis, gue, gui, is found often. This denotes pure sonant g in Spanish, a sound missing in Costanoan. Instances of a stem both with and without the diaresis are common, e.g., gueiero, güeierogmin, "great," and it is probable that such omissions of the diaresis are accidental. Therefore all hu- and gu- orthographies have been changed uniformly to w. Medial w is probably expressed by u with following vowel, but it often is difficult to decide whether a given u is vocalic or consonantal.

y is expressed correctly except in certain combinations; De la Cuesta's \tilde{n} probably denotes ny. (In a few cases of doubt it has been retained as \tilde{n} , as in suffix $pa\tilde{n}$.) i and y are sometimes interchanged, as yttug, ittug, "a seed." Here also it is often difficult to distinguish vowel and consonant.

 $c\ (sh)$ is not definitely distinguished by De la Cuesta but is suggested by certain sh, sch orthographies. Had he distinguished the sound he would probably have written it with an x in accord with older Spanish usage.

x (palatal surd fricative) presents some difficulties. Initially it is doubtless represented by ja, ge, gi, jo, ju. Medially the same orthography is utilized. Final x seems to be represented by g, e.g., uming, $m\bar{u}'ix$, "wolf;" eg, ex, "squirrel." De la Cuesta's g in consonantal combinations offers the most uncertain of the phonetic problems. tigsin, "skunk," is checked by Kroeber's tixsin, rendering it practically certain that g in this case represents x. On the other hand, g before m and n probably represents k. Thus cma and gma are both used as a plural suffix. gne is a common passive suffix. Kroeber has nimikne $w\bar{a}kai$, "the hit me," doubtless the same suffix. Kroeber transcribes tansagte, "ten," tansakte, but atsiagnis, atsiaxnis. Substitution has here been made on the theory that g before a surd represents the continuant x, while before a sonant or intermediate it represents the palatal stop k.

⁶ A. L. Kroeber, MS.

⁷ See postscript below, p. 470.

Initial and medial h may be silent, as in modern Spanish, but since it is regularly employed in certain stems, and as both h and x are found in most Costanoan texts, it is retained.

t is the tongue-blade *t* found in the Costanoan and neighboring languages. De la Cuesta wrote variously *tr*, *th*, *thr*, *thrs*, *trs*, etc. It is often difficult to decide whether the last consonant of the complex is a distinct sound or not.

Following Spanish usage, k is denoted by De la Cuesta by c before a, o and u, and by qu before e and i.

The affricative tc is regularly written by De la Cuesta ch but often confused with t.

Doubled letters, both consonants and vowels, are frequently met with in De la Cuesta's orthography. As these are foreign to the Spanish language, except in the cases of ll and rr, it is assumed that the device is employed to express length or duration of the sound and is therefore expressed in the present paper as the simple sound followed by inverted period, in accord with modern usage.

The Spanish language is, on the whole, a far better medium for the recording of unfamiliar languages by an untrained ear than the unrevised English. In the great majority of cases there is no question as to the exact phonetic rendering of the native words, and in a great number of cases they may be left in their original forms. Only in cases where sounds unfamiliar to the Spanish ear occur is difficulty found. Such are w, the peculiar tongue-blade t common to certain California languages, and un-Castillian combinations of sounds. Little difficulty has therefore been encountered in transcribing the native words to modern phonetic orthography, which is doubtless an advisable procedure.

The chances for frequent error in so many transcriptions and changes in authorship are too great to allow any phonetic discrimination or any elucidation of the finer and less evident points of the language. Shea's impression is replete with errors of transcription from the Padre's manuscript, and these may be increased in the present digest. Many words are spelt variantly, sometimes on the authority of the original, at other times manifestly due to improper reading of the manuscript. This is particularly true with regard to the easily confused m, n, u, and i.

Nevertheless, a few pertinent remarks may be made on Mutsun phonetic laws. The language is phonetically smooth and simple, the average word being an orderly alternation of consonant and vowel. Either consonant or vowel may begin or end a word, but consonantal combinations seem to be missing initially or finally, the few recorded cases being probably due to error. Medially certain combinations are permitted, though it is not easy to determine these. Thus, lalak-na, "go for geese," becomes by metathesis lalkana. Similarly, certain suffixes are varied in order to avoid unwieldly and harsh complexes, as kai-s, but men-se (interrogative); uta-kma, but inis-mak (plural). There appears also to be a feeling for vocalic harmony, and some suffixes are varied to the end that their vowel may correspond and harmonize with the characteristic or stem vowel of the word. Thus sumi-ri-ni. but towo-ro-ste; xana-ksa, but tare-kse. Again certain vowels seem to be dominants and survive in assimilation or elision. Thus the past tense suffixes -is and -in are dominant and -kne-is becomes -knis: -pu-in, -pin. A thorough phonetic study of the language would doubtless codify all these rules and elucidate many others.

PARTS OF SPEECH

Mutsun recognizes as parts of speech the noun, pronoun, verb, adjective and particle, though, as in English, the division is a more or less artificial one, the lines of demarcation are not hard and fast, and it is sometimes difficult to assign properly a given word, which may not uncommonly function in several categories without change in form.

Nouns

The great majority of Mutsun nominal stems are dissyllabic or trisyllabic. A few of the most common stems, such as many body-parts, are monosyllabic, and a very few apparently polysyllabic stems are found. Nominal stems appear never to be compounded and are varied only by the addition of a few suffixes. Stems appear to begin and end with either vowel or consonant without discrimination, and there seem to be no categories of stem types, such as for animate or inanimate, natural or arti-

ficial. That is, it is not possible to infer from the form of the word or from its suffix the category to which it belongs. Yet there are a few etymological suffixes in occasional use. Those making verbs are given below; those forming nouns follow here.

Etymological Suffixes of Nouns

1. -n, resultative, infinitive. Suffixed to verbal or other stems denotes result or phenomenon of an act.

breath, spirit, sou
flatus
menstruation
wound
song

Possible cognate:

tor-on	amole
xasi-om	shame
mira-mi-n	gift
es(x)e-n	dress
isme-n	sun

2. -s, -s·e, (-se, -si), causative, abstractive. Suffixed to verbal or other stems denotes cause or phenomenon of an act, and is generally used with words of abstract significance.

una	cure	una-s	remedy
ritca	speak	ritca-s-e	language
isut	dream	isut-s.e	a dream
kapal(a)	embrace	kapala-si	an embrace
kai	hurt	kai-s	pain
ețe	sleep	et-se	sleepiness
xase	become angry	xa-s	anger
xemtso	silent	xenkotst.e	silence

Probable cognate is:

3. -pis, (-mis, -sis), instrumental. Suffixed to verbal or other stems denotes instrument or means for the performance of an act.

xewe	cast shadow, re- flect	xewe-pis	shadow, reflection
at-ue	watch	at-as-pis	lookout
eyes	beard, shave	eyes-pis	beard-napkin

itok	cleanse	itok-pis	table-cloth, napkin
roro(s)	play	roro-mis	toy
isme-n	sun	isme-sis	clock
sukumu	smoke	sukumu-s-pis	end of cigar

4. -msa, (-nsa), instrumental. Suffixed to verbal or other stems denotes instrument or means for the performance of an act.

humiri	baptize	humiri-msa	baptismal font
ene	write	ene-msa	eraser, blotter
ama	eat	ama-nsa	meals
tcala	urinate	tcala-msa	bladder
iisi	owe	isi-msa	debts

Probably also:

unupimsa	handkerchief
rotemsa	papers
siamalpimsa	confession
yisuwaninsa	corns

5. -pan, -pañ, agentive. Suffixed to verbal stems denotes the more or less habitual doer of an act or the exponent of a quality.

yume-pañ	liar
maxer-pan	one who makes sport of another with
	the eyes
notio-pañ	one who denies the truth
nimi-pañ	beater
yoso-pañ	lustful, lecherous
latue-pan	one who is always making signs with
	the tongue
ol·ue-pañ .	one who signals with his hand
pitciwi-pan	cleanser of hair
li-pan	hider
nimi-pan	striker, hitter

Other isolated examples of etymological nominal suffixes are:

ruk	cord	ruk-esma	doubled cord
upu	buy	upu-nsatpa	payment
usupu	fast	usupu-hai	Lent, time of fast-
mai-xi	laugh	mai-t	a laugh, laughing
mira	give present	mira-x, mira- mi-n	gift
koxo	load of meat	koxo-enis	bringer of load of meat
pux-ţa	make bread	pux-uts	bread

	-	^
4	п	×

krak-e	name, call	krak-at	a name
soko-te	laurel	soko-tci	laurel fruit
rițe	decorate with	rițe-ni	feminine adorn-
	beads		ment
mukur-ukispu	act like a	mukur-ma	woman
	woman		

Reduplication seems to play an unimportant role in Mutsun morphology. A few words are found in which the first syllable is reduplicated but there is no evidence that the phenomenon is of any morphological importance. Practically all of the instances occur with names of animals or plants.

mumuri	fly
mumulaluk	butterfly
lalak	geese
lukluk	geese
kakari	raven
soksoKian	sensonte
porpor	cottonwood
totolua	plantain

Morphological Suffixes of Nouns

The Mutsun language is a comparatively simple one morphologically, being quite comparable to modern European languages in this respect. But few changes in inflection for the declension of nouns and the conjugation of verbs are found. These will be noted below.

The noun is inflected for differences in number, case, and in some cases even for person. Gender is, as commonly in American languages, not recognized, unless in sporadic etymological categories.

Many, if not all, animate nouns take a pluralizing suffix. This is:

6. -kma, -mak, plural.

sini	boy	sini-kma, sin- ksma	boys
		ataspis-mak	lookouts
		uţa-kma	parents
		uhinis-mak	fishermen
		uras-mak	hole-diggers
atsia	girl	atsiai-kma	girls

pasear	(Sp.)	pasear-is-mak wateir-on-mak	passers-by the Guachirunos
ka	daughter	ka-kma	daughters
inis	son	inis-mak	sons

It is also used with substantive adjectives.

-kma is doubtless the original form and is used after a vowel, -mak being employed after a consonant to avoid harsh complexes, though there are exceptions.

There appears to be no dual number.

The various nominal case relations are expressed by suffixes which may be interpreted as postpositions, but are probably as correctly explained as true case inflections. These are:

7. -was, -uas, compositional, partitive, material.

hide of bear
meat of belly
cord of sinew
middle of night

8. -me, terminative.

patre-me	into the house of the Padre
me-me	to you, with you

9. -se, -s.e, -ne, -he, objective.

aisa-ne	(see) them
kairka-s-e	(try) pinole
moro-s-e	(hunt) moles
krakat-se	(know) name
kapxan-ne	(strike) three
inu-se	(take) road
soton-he	(blow) fire
etc	

10. -sun, -sum, -um, instrumental.

ak-sun	(die) of hunger
mait-sun	(die) of laughing
tala-sun	(die) of heat
ekwets-sum	(conceived) in sin, (choked) with sin
xai-um	(speak) with the mouth
urkan-um	(thresh) with the mortar

11. -tka, -tak, locative.

tapur-tak	(hung) in tree
urkan-tak	(grind) in mortar
xumes-tak	(hidden) in grass
oțe-tka	(speak) in ear
wima-k-tak	(wound) in wing
ekwaesti-tak	(wallow) in sin

-tka seems to follow vowels, -tak consonants to avoid complexes.

12. -tu, comitative.

tanses-ṭu (eat) with younger brother ap-a-ṭu (dance) with father

A possible suffix with more the force of a postposition is: 13. -tun, -tum, regressive.

tina here tina-tun, tina- from here

In the case of terms of relationship there are sometimes diverse endings according to the grammatical person. Thus:

		1	2	3
		14s(8), "my",	15t(8),	16n(8), n, "his"
		"my"	"thy"	"his"
apa	father	apsa		
ana	mother	ansa		
taka	elder brother	taksa		taknan
tare	younger brother	tarekse	tarekte	
taha	elder sister	tahasa		tahanan
papa	grandfather	papsa		
et.e	grandfather	et.se		
tcire	grandmother	· tcirsi		teinin
xan.a	wife	xan aksa		xan an
sit	child			sitnun
me(ne)	grandmother	mense		menen
	THE CONTRACTOR OF STREET			

The basis of this is plainly an infixation of -s- before the characteristic vowel for the first person possessive and the substitution of -n8n for the third person, where 8 represents the characteristic vowel. The 8k of tar-ek-se and xan-ak-sa are sporadic. This may be the vestige of a once fully functional genitive case. No other instances are found in the language. The -t- of the second person is very dubious.

PRONOUNS

The pronoun, as before stated, is independent and never morphologically welded with the verb or other part of speech. The six representatives of the two numbers and three persons are distinct and those of the third person seem to have little or no demonstrative force. The case endings, particularly the -s of the objective, are suffixed also to the pronouns. The possessive pronoun is often identical with the subjective form, though generally one form is exclusively subjective. The pronoun has a tendency toward combination with other pronouns and particles. Thus we find such forms as ka-mes, "I-you," this being the most frequent; kat (ka-et), "I in future time"; kas-hiha, "I also."

The pronominal stems are monosyllabic or at the most dissyllabic and quite dissimilar for the various persons. The first and second personal plural pronouns, however, commence with the syllable *mak*-, doubtless cognate with the pluralizing suffix -*mak*.

Demonstrative and adjectival pronouns are numerous and invariable.

Detailed lists of all classes of pronouns will be found in Part II.

VERBS

The typical Mutsun verbal stem is dissyllabic, ending in a characteristic vowel. This may even be the invariable rule, apparent infractions and exceptions being due to error or presence of unsuspected etymological or morphological elements. The characteristic vowel is not inalienably welded to the stem, since certain infixes are added between stem and characteristic.

Like nouns, verb stems take no prefixes, all morphological mechanism being attained by means of suffixes. A few solitary examples of possible verb-stem combination have been found which may be differently interpreted on fuller acquaintance with the language.

up-xi(ni)	roll, fall (scissors)	
xin(e)	go, walk	
up-uru(ni)	slip, fall (person)	
uru(ni)	fall	
up-ki	roll, seize (log)	
at-ki	break, seize (log)	
at.e, atse	break	

Reduplication of verbal stems is practically unknown in Mutsun. A few sporadic cases are found, however, which seem to have the iterative significance frequently denoted by this means in American languages.

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polso	painted	polpolsi	dotted, streaked
tule	knock	tultul·e	palpitate
		pulpul.e	palpitate
tipe	wander	tiptipe	wander

It is a difficult and largely an artificial task to separate verbal particles into etymological and morphological elements. Nevertheless certain of these appear to belong to the former category and others may be placed there merely for the lack of evidence of morphological significance.

Etymological Suffixes of Verbs

17. -te, possessive. Suffixed to nominal stems denotes possession of the object.

otco-te	possess ears
kraka-te	possess name
sitnun-te	have children
pultci-te	have full breasts

18. -kis-, (-wis-, -pwis-), imitative. Suffixed to nominal or other stems denotes imitation of person or act. The reflexive suffix -pu is normally added.

mam.anxa-kis-pui	act like a fool
mukene-pwis-pu	act like a man
mukuru-kis-pu	act like women
monsie-kis-pu, (-wis-pu)	act like a sensible person
sawe-wis-pu	pretend to sing

19. -na, purposive. The verbal suffix -na, "go to do," functions also as an etymological suffix to noun stems, denoting in this case "go for."

lalak	geese	lalka-na	go for geese
sirak	nuts	sirka-na	go for nuts
weren	rabbit	were-na	go for rabbits

20. -mi, dative. Likewise the verbal suffix -mi may be suffixed directly to nouns, functioning as an etymological suffix and denoting gift of the object. It is generally or always used with the imperative and the first person singular object.

ruxe	arrow	ruxe-mi-tit	give me arrows
ma-ter	tobacco	ma-sue-mi-tit	give me tobacco
setne	acorn-bread	setne-si-mi-t	give me bread

21. -ti, substantive. A possible substantive suffix is found once:

tanses brother tanses-ti-(s) be a brother

22. -u-, oppositional. Infixed before characteristic vowel of verbal or other stems denotes significance opposite to that of simple stem.

xit-a	sew	xit.ua	rip
pit e	tie	piţ.ue	untie
pat·i	seize, grab	pat-ue	loose
rotko	knot	rotuk	untie knot
kitca	lock with key	kitcua	open with key
rotcio	enveloped	rotciwe(wi)	freed
tcuni, tunuu	fold, pleat	tcunuhwi	open, unfold

23. -r-, excessive. Followed by the characteristic vowel appears to denote a psychological cause for the condition described.

sumi	be content	sumi-ri-ni	sleep from satiety
siwi	burn	siwi-ri-ni	surrocate from heat
towo	be rigid	towo-ro-ste	be stiff from cold
seso	shiver	seso-r-po,	shiver from fear
		(seso-n)	

24. -t-, corporeal. Followed by a vowel in harmony with preceding one generally refers to action with or on parts of body.

latue-țe	long tongue, (he) extends his tongue
l.el.uer-țe	roll (eyes) too much
kai-ți	tighten (it)! make (it) fast!
rau-ța-smin	with large occiput
mup-țu	shut your mouth!
pelțe, pețe	shut eyes
pețe(ni)	keep mouth closed
poțo	pluck hairs
kapața	cross hands

25. -te, -ti, (-it).

tere-ti-s (you) have cut (your hair) nam-ti, nam-it (I have not) understood, heard kili-te (it) sparkles (did he give you) anything, a drink, yata-ti, xop-o-ti, ilsi-mi-ti, olte-mi-ti meat, pinole? insu-ti, insu-te (you) know (it) upxi-ti (or upxi) (let me) drink a little wipa-ti (will) invite (you) ole-ti (I) seized (it), (what) could (you do ?) ina-ti-s (I) became sick esoni-ti (you) hate (the language) lopx-ti-ni-n grew mouldy (wheat)

Possibly the same suffix is found in the imperative with first person singular object, -t or -ti-t. It is a doubtful suffix; no attempt is made to explain it.

26. -wi, -we.

inu-wi-me-i remind (him)!
rus-u-wi-kne spit
tip-wi (you) shorten (confession)
nansa-we (he went) to try
pak-a-we (may they) gather (them)!
lala-wi-s he threw him

27. -si.

xasiwa-si scratch the boys' heads! xeksio-si-n (have you) satisfied (him)? (we) have searched for (them) xima-si-kun (let me) be seeing; look! mexe-si (that which) he has in his hand pati-si (I) was listening (to them) nan-mi-si he seeks (us) pak-a-si puti-si (I) am blowing (the fire) guard me! uta-si-mi-t break it! at-se-i xelue-si-tit (xelue-mi-tit) flay, strip for me! (child) is sucking musi-si

This suffix may be cognate with the mandatory -si (No. 45) but the resemblance is not evident.

Other possible etymological suffixes are:

rukesma	a doubled cord	rukesma-te	make countless in- terweavings
xotio	a bag	xotio-(si)-nme	(order to) make a bag
ruk-a	house	ruk-sap-(in)	(they have) made houses
mat-er	tobacco	maț-uk-(ti) maț-ere-gn-in	give (me) tobacco (he) was intoxicated
wi-xi	fish	wi-ni	catch fish
tor-on	amole	tor-ke	bring amole
xasi-om	shame	xasi-mun	be ashamed
xan-an	wife	xan.an.mi-(n)	(was) married
xakua	mussels	xakua-ikus	I went for mussels

Morphological Suffixes of Verbs

The verbal stem is variously modified for considerations of tense, voice, various modal significances, and to some extent for number.

The unmodified stem is used alone for the present tense and with temporal adverbial particles to express the future.

The most frequent temporal suffix is -n. This is generally translated by the Spanish preterit, but frequently also by the present. It may have an indefinite or a ristic sense, or denote incompleteness or continuance of action, and is found mainly with intransitive verbs.

28. -(i)n, indefinite.

totio-n	(whenever I) err
tio-n	(I) shoot (with my left hand)
ilo-n	(whenever a house) burns
towo-n	(you will be) frozen
ketio-n	(I) argue (with him)
yați-n	(he) follows (you)
xati-n	(I) am dying
xirwi-ni-n	(rain) is ceasing
tursi-ni-n	(he) is cold
terpe-ni-n	(I) have peppered my throat
tempe-ni-n	(soon the river) will dry up
loe-ni-n	(he) nauseated (you)
letse-ni-n	(I) liked (that)
isiwe-n	(when they) rest

29. -(i)s, past tense. This is less common than -n. It appears to be a more definite past and is found mainly with transitive verbs.

yoreti-s (he) chased (me)
katia-mi-s (he) gave (you)
mistu-s (you) warmed yourself
mexe-npi-s (I) have seen (them)
wipa-s (I) invited (you)

30. -(i)kun, past tense. This is the less frequent past ending and appears principally with transitive verbs. It is probably the most remote of the past tenses, but as all three of these are regularly translated by the bare Spanish preterit, it is most difficult to delimit their respective spheres. The examples seem to imply completion of action.

uxsini-kun(you) have increasedut-ui-kun(I) guarded (it)uxei-kun(I) have guarded (it)oioi-kun(he) seized (it)oisio-kun(it) happened again

The distinction between the categories of intransitive and transitive is not as close as in many Pacific languages, and there is no invariable designating particle for either. Certain suffixes, however, pertain to one or the other type. One of the commonest suffixes in the language is -ni, which appears on the whole to be a kind of intransitive suffix.

31. -ni, intransitive.

ad infinitum

(we) were frightened orko-ni-n, (orko-ste) (you could not) imagine (me) inu-ni-n in.u-ni-n (I) awoke (I) dreamt or (you) istu-ni-n (fire) is dying, (is-going dying) (wate-na) xamu-ni-n (wate-na) lak-e-ni-n (sun) is rising, (is-going rising) (I was going) to forget (it) eme-ni-n (I) am sick, have become sick, (you) inxa-ni-n are sick (I) am old woman muk.ie-ni-n (it wants little time for me) to die semo-ni-n tursi-ni-n (he) is cold (I) put my finger in my eye tupu-ni-n it was finished, consumed, used up suiu-ni-n (suiu-ste) (did this) break? tisku-ni-n (my hair) is fixed and prepared xupse-ni-n (be ye not) sad xasli-ni-n

The nearest approach to a transitive suffix is -np, which seems to express action directed toward another person.

32. -np(e), transitive.

titi-np-in he defended (me)
itco-np-itit pull me out!
tolso-npe (I will) break (your feet)
lilui-npe (we will) amuse (you)
ruima-npe do not disturb (him)
munsu-npe (ye have) soiled it
musi-np-itit-yut warm ye me!

mene-npe (how can I) forget (you?)
mane-np-in (has he) forgotten (ye?)
tupu-np-in (I) put my finger in (his) eye

Reflexive relations are very frequent and expressed by the suffix:

33. -pu, -p-, reflexive.

lixin-pu I will kill myself
lix-p-in she killed herself
ita-pu (do you) wash yourself?

eyes-pu shave oneself tcai-pu praise oneself

axa-pu (have ye not) combed yourselves?

xat-a-pu-i hit yourself

tak.e-p-is (I) measured myself orko-p-in-se-me did you frighten yourself? un-pi-na (I) am going to cure myself

In many cases -pu appears to be used idiomatically, the reflexive function being obscure.

buy upu-s-pu sell consent uni crave, wish uni-s-pu observe, know, see, inu awake, rememinu-s-pu feel her they will teach nip.a teach nip.a-p-in (him never) play, entertain ritca-pu ritca speak

Reciprocal relations are expressed by the suffix: 34. -mu, reciprocal.

xaṭa-mu let us fight
lix-mu we will kill each other
keye-mu (do not) trample each other
is-u-mu play together!
hutcu-mu-t lift each other!

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The passive voice is of considerable importance in Mutsun morphology and seems to be preferred to the active as a method of expression whenever possible. It is expressed by the suffix:

35. -kne, passive voice.

mexe-kne (me) (you) will be seen mira-kne (me) (you) will be given a gift (this) is sucked mupa-kne (nep.e) ole-kne (they) are (not) caught like-kne (me) (you) will be killed lokuk-kne (xin) (the eye) is put out lala-kn-is (haka) (he) was thrown down ut·u-kne (nep·e) (this) is guarded liwa-kn-is (arrow) was hidden mat.-ere-kn-in (he) was intoxicated

Probably cognate with this is the suffix -ne with which it is in cases interchangeable. -ne often denotes a future passive, at other times its exact use is not clear.

36. -ne, future passive.

nansa-si-ne (when we) try
mexe-si-ne (you) will be seen
yume-si-ne (you) will be cheated
xiraste-pu-ne will (you) be reprimanded?
eise-kte-ne-s have (you) shaved yourself?

Another suffix with a passive force is -stap. This seems to refer entirely to completed passive action, and a great number of the examples noted have a first person singular subject.

37. -stap, perfect passive.

(feathers) recently pulled ruta-stap (with what) was (this) stuck? pele-stap potsie-stap (I) was censured they gave rations katia-stap ixtci-stap (he) was bitten by a snake (I) was killed liki-stap (the fat ones) have been selected xise-stap (I) have been tickled mutiku-stap

The modal categories are considerably less extensive than commonly in American languages but rather better developed than in Indo-European.

The imperative is expressed by suffixes varying for number and person of subject and object. Thus:

	respective to the second	Intransitive or
Imperative	1st pers. obj.	3d pers. obj.
2d pers. sing. subj.	38t, -tit	39i
2d pers. plu. subj.	40tyuţ, -tityuţ	41(i) yuț
xima-t	seek me!	
ima-t	show me (in	t)!
oltemi-tit	give me pin	ole!
ip·e-i	turn around	1!
oio-i	seize it!	
xima-i	seek him!	
ok·wo-i	send them!	
ot.emi-tit-yut	give me pin	ole!
sumua-ti-yut	give me wo	od!
oţo-yuţ	go for atole	less and the same
otciko-yuţ	be quiet!	
laisaisi-yuț	sing slowly!	
at.e-ti-yuț	give him!	
ara-ti-yut	give him!	
huteu-m-ut	lift each oth	ner!

Another suffix with an imperative force is -is. This implies going to some other place to accomplish the command and may be termed the

42. -is, missionary imperative.

monse-is	go and tell (them)!
sak-a-is	go and bring (pinole)!
taska-is	go and walk (in the field)!
etue-is	go and release (it)!
oi-is	go and get (it)!
xi-is	go for fire!

There appear to be some terminations having the effect of a subjunctive. These are:

43. -tkun, subjunctive, hypothetical.

	ara-tkun	(you) should give (him)
	kati-tkun	thus should (I dress)
	ko-tkun	(you) should tell (me)
	kotkun, kwotkum	
	on.o-tkun	(he) would have made sport (of you), speaking (of you) after death
	oi-tkun	(I) would get (it if I wanted it)
44.	-kane, conditional.	
	ole-ti-kane	if I could only catch them!
	toko-kti-kana	if the had is of

ole-ti-kane if I could only catch them toko-kti-kane if the bed is of tax-kane when it is asked ak-niu-kane when he is thirsty

There may be some relation to the passive particle kne.

Iterative or frequentative relations are expressed by the suffix or infix -s, placed between the stem and the characteristic vowel.

45. -s, iterative.

ak.u	enter	aksu	many enter
ele-pu	go	else-pu	many go
epe	pass	epse	many pass
semo(n)	die	semso(n)	many die

De la Cuesta pays considerable attention to this suffix in his grammar, suggesting that it is frequent with every verbal stem. Strangely, very few unquestionable examples of it are found in the phrase-book.

Probably the same morphological element is that found in many cases following the characteristic vowel, particularly before the reflexive -pu, denoting in that case plural or iterative reflexive. It is also commonly found in words denoting occupations, i.e., one who performs an act continually. Compare the nouns denoting personal categories in Part II.

amae-s-pu	(do not) amuse yourselves
roroi-s-pu	(do not) disport yourselves like boys
siole-s-p-is	(we) were talking among ourselves
xewe-s-pu	(we) both look together into the mirror

Other usages are more idiomatic and less evident.

ritca-is-pu	recount, converse	(ritcapu, play)
upu-s-pu	sell	(upu, buy)
siole-s-pu	(they) are solitar	y and sad
mexe-s-pu	(like as he) looke	ed

The mandatory or causative relation is expressed by the suffix:

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46. -si, (-se), mandative.

vou have ordered that they make a by
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xotio-si-nme	you have ordered that they make a bag
mana-si-s	(you) commanded to extinguish it
aṭa-si-s	(you) commanded (me) to steal
pina-se-s	did (I) order this?

Three relations implying motion are of importance in Mutsun. The first, -na, denotes motion to a distant place or outdoors.

19. -na, purposive motion hence.

lixni-na	(he) is going to kill (it)
xiisi-na	(I) am going to catch (them)
paita-na	(let us) go and catch (them)
wate-na (lak-e-nin)	(sun) is rising; (going-rising)
wate-na (wetere-nin)	(it) is increasing; (going-increasing)
ereksi-na-ka	I am going to bathe

The second, -su, denotes motion to a nearby place or indoors. 47. -su, purposive motion hence.

nam-isi-su	(I) am going to hear (them)
ertse-su	(I) am going to supper
were-su	(I) am going to catch rabbits nearby
etste-su	(I) am going to sleep

The third, -inyi, denotes motion hither.

48. -inyi, (-im), purposive motion hither.

liw-inyi	(I) come to kill (you)
monse-im	(I) come to advise (you)
nesep-inyi	(we) come to beg permission
pasip-inyi	(I) come to salute (you)
warep-inyi	(I) come to visit (you)

A very rare and doubtful suffix, -knit (misspelled in the grammar as guit, or wit), has been termed "prohibitional." This may be the passive kne plus the future adverb et; i.e., "you must not be struck."

49. -knit, prohibitive.

tamta-knit, xata-knit	he must not strike yo	u
tamua-kuit, xata-kuit	ne must not strike yo	,

A second very obscure suffix, -ksi, is translated by De la Cuesta "perfectly well," perfectamente bien, and is termed by Kroeber "excellentive."

50. -ksi, excellentive.

xeksio-ksi	(let me) satisfy (him)
ruisiu-ksi	do not (ye) tremble
ruisu-ksi	(your hand) trembles
nipa-ksi	(we) are teaching (him)
rinsi-ksi	(they) take the lower (key)
siaksu-ksi-t	(speak) to me softly (in my ear)
xaune-ksi	(would that) someone would bring
	(water)
siru-ksi-ste	(it) is pulverized
polso-ksi	(what is this) painted?

⁸ The Chumash and Costanoan Languages, op. cit., p. 253.

The verbal suffix -mi (cf. nominal suffix -mi) seems to denote an indirect personal object or an action done for the benefit of a person. It is most frequently found with the imperative and first person object, "do this for me."

20mi, -n	ne, beneficial.		
katia(stap)	gave (food)	katia-mi(s)	gave (clothes to thee)
xelu(ksi)	strip off bark	xelue-mi(tit)	strip bark (for me)!
monse(t)	advise (me)	monse-mi(tit)	advise (me)!
monsie	relate	monsie-mi(tit) monsie-me	recount (me)! relate to you
riri	put selvage on	riri-mi(tit)	put selvage on (for me)!
iisi	owe .	iisi-me	(you) owe (me), (I-you)
musi-si	suck	musi-mi	suckle, give suck
țika etc.	chew	țika-mi(t)	chew (for me)!

Two suffixes of the greatest frequency are evidently cognate. These are -kte and -ste. The former is listed by De la Cuesta merely as a preterit tense suffix, the latter, though of frequent occurrence, not mentioned at all, though a suffix -miste, probably a hortatory, is described.

Both seem to have the sense of a past participle, and, like the latter, are frequently used adjectively. They express completed action or achieved condition. Though little difference is discernable between the two, it would appear that -kte is used principally for transitive relations, -ste for intransitive ones. They are frequently translated by the Spanish ya, "already."

51. -kte, (-xte?), perfect transitive (participle), adjectival.

mit.ci-kte	(bow) is unstrung		
esko-kte	(it is) torn, impure		
rițe-kte	(it) is decorated with beads		
laki-kte	(it) is lifted, hung		
tolo-kte	(they) have donned their regalia		
lip.a-kte, lixwa-kte	it is hidden		
liisu-kte	toothless		
posio-kte	hairless		
riski-kte	pug-(nosed)		
sitl·u-kte	small		
niotsio-kte	short		
husiero-kte	big (mouth)		
nutiri-kte	big-nosed		

52. -ste, perfect intransitive (participle), adjectival.

(they) have (not) arrived xiwa-ste (they) have died semso-ste toilo-ste (they) are seated he was displeased (at me) pelke-ste xutcu-ste (he) has eyes (I) am tired already kome-ste wane-ste (I) am satiated it is soiled siksa-ste, mikna-ste (it) has decayed sesuk-ste, sumu-ste unxu-ste, (unxu-smin) snotty black natka-ste lean rinta-ste noioro-ste large (feet) ad infinitum

The interrogative is expressed by the suffixation of the enclitic -s, -se. This may be suffixed to other words than the verb. more commonly to the initial word of the phrase. Thus:

53. -s, -se, interrogative.

kan-se is this my ?
kai-s it is painful ?
ekwe-s did not ?
lalka-na-s did (you) go for geese ?
men-se did you ?

-s regularly follows a vowel, -se a consonant, thus avoiding terminal consonantal complexes.

The negative is formed by the independent particle *ekwe*. *epsie* is sometimes used with negative imperatives, but the more common method in this case is the use of the bare pronoun *men*.

Some of the isolated and unexplained suffixes, indicated by italies, are:

siru-mpi, siru-mpe (siru-ksi-ste) grind (salt); (ground) man-ti-kte; man-tci-s-te it went out; is going out (put it out!) (man-sa, man-as) (cigar) has become ash yoko-rte menso-rte (they) have drowned (boy) keeps his mouth closed mup-il-u-rte (you said you) went to see (him) ainwe-iam (he wanted) to find (us) paka-inini-s (he) can (run) well ole-mospo (I) met (him) ton-se-s (I) lost (this) ton-enp-is tisku-kse-i split it!

kil-e, kil-ile, kil-pulme, kil-ite kipi-ni-pu-i kai-nawin kutc-kets.i satar-a, satar-e, satar-pu tcite-sin-i sam-ursi sam-aipu; sam-iante xute-punk xit-kin nansi-ke xeksio-ie-i xase-sen xat-xasti; xat-xatsi nip.a-pin lop-kti-nin, lop-xe-ste ipi-re-i (ip-e-i) ina-ti-s; ina-k-pu

we-solo-kte, we-yero-kmin,
we-sare-kte
we-tan; we-tere-npe-i
yer-oepin
matala-mu-i; matalu-ni-stap;
matula-ni
mene-npo
mir-ma-mi-t
mup-i-pu-i; mup-e-i;
mup-il-u-rte;
mup-us-pu-i; mup-tu
mai-xi-ni-ste
tcorok-pumk
ii-ps-is; ii-si-me

ak-eni-ni-n; ak-niu-kane
ekwe-na
uni-spu, uni-spate, umi-spak
ole-ri
inu-wi-me-i
itma-ni-t; itma-nu-i
it-uime
inu-i-ni-n
rui-su-ksi; rui-siu-ksi;
rui-sin-ksi; rui-ma-np-in;
rui-nga-t; rü-ki-np-in
umsu-mi-n
wax-tci-i
ele-mau-pu
et-oe

sparkle wink (your eyes) narrow, difficult very well tied, very strongly bound open the mouth dance for me! (they all) have long hair (I), (they all) cut their front hair fire is made (I will not) cleanse myself (you will soon) be known satisfy (him)! (teach me before I) get angry! it is well swept; very clean (they will never) teach him (wheat) moulded turn (this)! (turn around!) (I) became sick; (will you not) become sick? large, great

is great; increase it for me! (he is) growing old place face downward; (I) was placed; (wait for him) to place himself (I will not) forget give me that which you were given! shut his mouth! shut his mouth with your hand! (he) keeps his mouth shut; shut your mouth! (they) laugh at (your speech) we become sad (when . . .) (I) owed; (I do not) owe (you anything) (I) am thirsty; (when) one is thirsty (I) have no (...) (he wished) to agree (you) can (not) remind (him)! lift me! lift him! (we have) corrected them (I) am tired of journeying (your hand) trembles; (do not ye) shudder; (who) trembles? he moved him; move me! I moved (they) flew scratch (him)! (you) will arise (early) (he) slept (little)

ADJECTIVES

Adjectives display close relations with both verbs and nouns. A few of them appear to be definite adjectival stems without terminations, a small number seem to be derived from nouns, but by far the greater number are akin to verbal stems. As allied to nouns they may take the pluralizing suffix and stand as substantives, as weyero-mak, "the big ones." As allied to verbs they commonly take the verbal perfect suffixes -kte and -ste and may be interpreted either as verbs or as adjectives, e.g., "the cloth has been soiled," "the cloth is soiled," or "soiled cloth."

In addition to the verbo-adjectival endings -kte and -ste there are two others, evidently cognate, used solely with adjectives. These are -kmin and -smin. The distinction between them is not evident, as, for instance, both nutka-kmin and humulu-smin mean "black" (sing.) and natka-mak and natka-ste "black" (plu.). Other suffixes likewise seem to be interchangeable under certain circumstances, as both orko-ni-n and orko-ste mean "he was frightened;" unxu-smin and unxu-ste both mean "snotty." -kmin is probably cognate to -kne and -smin to -ste.

54. -kmin, adjectival.

patka-kmin heavy, deep white

pelo-kmin bald nutka-kmin black

hihul-i-kmin something cut, as a pole

isiwa-kmin newborn kuti-kmin very small kipinyi-kmin a winker kits-u-kmin twisted

55. -smin, adjectival.

selpe-smin (are you) intoxicated? xop-tie-smin climber

an.e-smin turtles
ritca-smin liberal, generous
waksa-smin miserable, vile

ritcua-smin silly, foolish
rauta-smin with large back of neck and occiput

samili-smin putrified
humulu-smin black

unxu-smin snotty
pelso-smin large-tongued, garrulous

paisa-smin runner
xase-smin brave, fierce

ad infinitum

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An infix -ti- is occasionally found before adjectival endings. It is placed between the simple stem and the characteristic vowel. Its import is not clear but it seems to imply an adjectival-agentive sense.

56. -ti-, adjectival-agentive.

xop·e tcala	climb urinate	xop-ti-e-(smin) tcal-ti-a-(smin)	climber urinator
muxe	suspect,	mux-ti-e-(ste)	one who makes
	misconstrue		wrong judgments
wilo	signal "yes"	wil-ti-o-(n.in)	one who signals
	with the eyes		"yes" with the
			eyes

Another etymological element giving an adjectival significance is:

57. -se, -si, adjectival.

in-se tear-ful
yer-se torn
polpol-si dotted

PARTICLES

Particles are independent and invariable. They range from monosyllabic to polysyllabic, the longer ones being probably compounded. For purposes of reference they are divided into locative adverbs, temporal adverbs, descriptive adverbs, and interjections.

Two enclitics are met. The first is a conjunctive, -hiha or -hia, "and, also, as well."

kas-hiha me also

The second is an adjectival pronoun, -sia, "alone, only, solely."

men-sia you alone wak-sia he alone

PART II. CLASSIFIED LIST OF STEMS

The following lists are arranged in the order of the phonetic alphabet. First the vowels, a, e, i, o, u, then the semi-vowels w and y, the nasals m and n, the liquid l and the trill r, the spirants s, x, and h, the surd stops p, t, t, and k, and the affricative tc.

Nouns

Animals

aiarat magpie auni-smin, anni-smin turtles bird like a heron are asurian, asit sparrow atat magpie akat conch elei-min goshawk ex, hex squirrel eksen quail intkx large hare ipiwa (rattle) snake omkon maggot ores bear otol., oton red ant hird okom uminx wolf untcu-smin black beetle uraka salmon wawisaes, -ses, -sees, coyote wakisaes wal-en owl wasaka eagle wakarat-smin frog weren rabbit wilo-pan blackbird wireskan hat wixi fish wipsur fleas black duck yurah maian coyote marite young deer little moulting bird (jestingly) mitis mumul-al-uk butterfly mumuri fly muniek, musiek small bird with black feet

niwes notot lalak lesokwa lisana 1.uopo lukluk rames rax rinva risui rumai saiae sanraruk sakar siol-ekon siuvuts siul.il.uk sisin sitikna, sitcikna, sikikna sikot soksokian swesusu xakua, (xaakan) xun.un hutce (kinis) paratu penie, penik perisiana pil.okian pitcina polokis polten por poskoi-min potol pukwie, pukwi pukului-min tamala tatci tiwiem tiwituk tira-smin

tixsin

tipih-smin

torpaes, torsiepa

tominis

toroma

faun blackbird with yellow head earthworms snake yearling calves geese weasel white louse young coyote young hare jays large geese nits mole like a dormouse sea-otter butterfly small bird young squirrel bird like sensonte large ducks mussel small dove dog woodpecker cat young quails martin maggot, insect grasshoppers young rabbit flea black ant blackbird with yellow head young deer, young fallow-deer toad leopard (puma?) a small animal fallow-deer bird spider skunk earthworm seal wild-cat gray blackbird

deer, cattle, meat tote blackbird

tayankal

blackbird with watery eyes taiaskal bird tiwak whale time

vulture tuilun

bird with large mouth kaul-epat

black louse kaxai kakari raven kaknu hawk snakes kotewes blackbird kulian tcaxi hawk hare tceies tcil·iskan hawk hird tcirit-min cricket tcorena, tcoltcolua woodpecker teurutu

Botanical

acorns aisaae, inkis.e seeds ama-knis

anii a white tree oak

arwe

bundle of fire-wood ahamen blackberries enena it.ux a seed seed, fruit owos ortor-kmin hay

very pink flower uwena wild onion uner acorn shell upit wara an herb yarkas an herb

acorn yukis a small, salty seed momox

acorn shell morot an edible herb muren lumuimin an herb an herb ransona oak rapak

repit reteti blackberry bramble

acorn shell

vine riris oak ripin rore an herb an herb ruskes a thicket sawana sasuk moss

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sapa sak

siutotok wetemak

sirak sipuruna somon sokote sokotci sumna, sumua

xale xireni, (xirena, xiremi)

xipur xit·iani xitna, xitia xikot xolopis xop

xop xumes xumi-smin xur patax pat·i

pat pakir pit·ui porpor

porpor onien

pururis tamet tarax

tapur tiwis toinon

tuxe
tapis
taki
totolua
kamer
kamun
ketex

kiriţ-smin, kiriţ-skin

tcasuni

teatia

teisnan

herb with a dark, hard seed

small pinenut poisonous plant filberts, hazelnuts a white root hole in a tree laurel

fruit of laurel sticks of wood green tule large pine-nut a tree tuna

elderberries pine

shell, chaff of acorn larch, a red tree

hay
wild rice
seed
willow
chia
tuno

plant like tule seeds

cottonwood

tree like white cottonwood

small fruit a dark edible root small, white willow

tree, wood flowers a small fruit

oak

reeds, straw
fruit tree
plantain
sweet herb
tuno

leaves an herb hay

a well-known tree, testicles of hog

alder

Body Parts

awis eyes in left hand beard tears isu, is u
ihatu
itcie, itcik
olot
otco, ote
ots io n
una

unux uri us watex

wel·ewel(min) wima, wimak

wilopa yisuwani-nsa

yutxa marax maxul

mak·us miṭla moxel moxoṭ mus

muțis muktiokris, (muxtioxris)

noso-n las-e lasin lit-akwa lom

lopohs, lop-ots lup·us

raras riţok rikex piliu romos, rutcu

rumes
rus
sama
sanan
sarka
sapa-xin
sinpur
sire

sik en somsom sok o-s

sip.os

hand ear-cavity pudenda back of neck

ear

bullet wound

bangs, hair on forehead mucus from nose

hair nostrils stomach

point of the lips

wing

the red head of the blackbird

corns tumor on neck skin spittle, phlegm

knees thigh head skull

bosom, preasts front teeth ankle

breath, spirit, soul tongue

finger-joints
veins
brain
navel
anus
molar teeth
intestines
prepuce of penis
pimples, wart
spine, backbone
saliva

right hand groin blind eye pupil of eye eyebrows heart, mind feathers teeth

wind broken, flatus

armpits testicles

scrotum soko-rena, sioko-rena pudenda sute mouth xai voice xahie xat.a palm and sole tail (of snake) xakana xelien birth-mark, scar xeser xin eye throat xorko-s back, upper part of back xop.o xumut skull arm xunyois ligament xurek carbuncle xupur belly, abdomen xutu, xut.u menstruation paine-n blood pat-ian pakar rash shoulder-blade pak.a scalp sores potcor pusi, piliu, pat.os, patsa, pudenda pelsi belly, abdomen put.u-s thumb put.us roof of mouth tankar crown of head tapis ribs tak.e shin-bone takutspis forehead tima buttocks tiras knees tolso, toolos flesh, meat tote syphilitic sores tokol nails turis throat, neck turtunin ears tuksus tail tup.ui, tupui lips tutper chest bosom tukai Adam's apple tukmur cheeks, face tamus hide tap bone tat.i skin turum karkas molar teeth little finger kapis

katak, katcak, katak

katcitci

nape of the neck, occiput

pudenda

koro

(kukas), xukas

teapal tciri tc.oxo teukuri foot

anus, buttocks

kidneys horn pudenda evacuations

Manufactures, Instruments

an.ipu aren axe-s

ata-s-pis-mak

atin akat eyes-pis ene-msa

ene-kmin, enko-kmin

erests esxen et.cer

ets eksen iiot

imini

iru-kmin isme-sis itok-pis oxot ot.eme

unupi-msa, un-opi-msa

ulis urkan nsek utis

utel utcir-min

walexin ware warsan wetcok

yatan, lasun yoxo

mater, master

lawan rires rițai

pillow knot comb watch-towers

acorn-bread feminine ornament

ornament of conch shell napkin blotter, eraser

writing, letter real, a piece of money

dress, clothes

iron bed nest

sacred stick, fetish?

pinole arrow-point clock, watch table-cloth, napkin basket with handle

pinole

handkerchief basket mortar whistle, flute

arrow-point (arrow-shaft) ear-ornament of feathers

small needle small basket feather ornament small basket small basket

net

load of meat beads tobacco bow

arrow-cord, spear-cord rabbitskin clothes

riteni rits rote-msa ruris ruxe ruk ruk-esma ruka sak.in setne sianexan siotok siwen simirin sinpie, siupia sipirek sipuksan soxoi sokwe supik sutia xasa-pis xats.ian, xas.ian xel·emok, xel·emon xitca-mis, xitsia, xiteha-mis xotio xotox xurpu homoron humeren humiri-msa palsi-n parsex pakuts-mis pelo-maes piroi puxut, puput, puyut tio-x, tio-s tiwix, tiwi tilai tirtisen

tipsin tor-on toko, tok.o tuyuwa tupen tainwen, taiuwen talis

feminine ornament coarse pinole portfolio bow-string arrows, spears cord doubled cord house broom bread of acorns and momgo skirt of tule or plants basket for holding water basket with a pyramid in the bottom seed-gatherer handkerchief bone awl large comb, brush comb ornament of beads and feathers atole small cloth poker, digging-stick opening of pocket ornament of conch-shell cloth, rag

toy bag shoes beads, feather ornament potsherd

bar baptismal font muller of metate belt, sash ball for game comb of straw

net bread

spear, arrow without point beads, feather ornament basket with a good base

belt, sash

small basket for amole

amole bed broom sweathouse

bread of acorns and momgo

wooden awl

temox arrow with point

tip-e knife
kitirox, kitinox, kitirxo skirt
kit-cas, kitcas key
kurka, kurea pinole

kurka, kurea pinole tcakar, tcawar seat, chair tcakini stringless bow

tciles bell
tcopoma fret, bric-a-brac
tcokon sacred stick, fetish?

Natural Phenomena

awar north (dedo de carazon)

am·ani rain
at·ar, atar mud, mire
ak·e day
ak·es, awes salt
inu road, trail

inu road, trail
irek stone
isin, isiin hole (of animal)

isme-n sun
ixutun drop
urani hole

upak lump, clod, white paint

upak lump, cloc wakani dew?

wakis river, torrent
wixax light?
wika afternoon

wika afternoon
yopok hail
yokon cinders, ashes

yumus isir dirt on hands
mun earth, dirt
mun·s dirt, filth

murtei, murteis, murtoeis night
murteu night
notson food
latun drop

raxopa rays of sun
rokie, rokse powder, dust
rutis open hole, cavity

si water
soton fire
suw, sus charcoal
skoxe drop

pelek

xewe-pis shadow, reflection

xitus wind xutepa conflagration, great fire

fine dust, atoms

pire
pitak
pitil·an
pusninyis
tamar
titin
ṭaska, ṭatska
ṭura
ṭuxis
kau
kar, kat

kure kutui tearak tearko teape teopolotesi teok world, atmosphere, weather, etc. lint, dust

mole-track whirlwind hill seashore plain thunder day seashore smoke

spring of water red paint hole in ground

sky light

hole in ground place full of holes clod, lump of mud

Words of More Abstract Significance

ak ețina puatis

eț-se ekețs, ekesțs, ekaesț

iwe, ik.e

impe-s isut-s-e

on.o

oroe-s otciko us.ix mai-t

morke

muisin, yenko

layaya laxi lat.iaya

rakat ritca-se samili

sat.e

senena siamalpi-msa thirst a game

sleep

a method of making fun of a per-

son sign

dreams

a method of making fun of a per-

son hunger silence sadness smile

a method of making fun of a per-

son

love?

length, height

game of revolving until dizzy

great height child's game language, speech putrid matter

a method of making fun of a per-

son

sting of an insect confession suwene
sunk, sune
xamapu
xas
xasi-om, xasi-un
xenkoṭṣṭ-ṣ·e
xuṭi
paya
peleṭa
taula-si
tursi
ṭala
ṭis, ṭihs
ṭuma
kai-s

tuma kai-s kapala-si kapnen kotcopo

krak-at, (xrak-at?) teakir

tcopopiswai tcukuri song
hunger
proof
anger
shame
silence
game
lightness

children's game something held in the arms

cold heat life

scent, pleasant odor pain, misery, sorrow

an embrace Wednesday

a method of making fun of a per-

name odor

Friday bodily evacuations, movements

Terms of Relationship and Personal Categories

ana ana-knis ap a apapat

ația, atsia-knis, atcai-nis

atsiai-kma at maku-kmin ete, et.e inis

inxoksima, yuxoksima

ințisțe-mak isiwa-kmin ixatute ițxine urxes-mak

uxi. uṭa mak.u, makas

mene

meres, moeres mirte-mak, mitte-mak

mos mukene mother stepmother father

nephew, grandson

girl girls widow

maternal grandfather or uncle son (father speaking of son) adult men, elderly men

elderly men newly born child godmother

man (address term) bride and groom mother-in-law parents

parents husband

maternal grandmother nephew, grandson adult men, elderly men son (father speaking to son)

man

women

elderly women

mukur-ma mukniue-sima, mukienin sini, sinyi, sin-ksma sit-nun

sit-sus
xan·a, (xau-nan)
paitcu-kte
parane
papa

taure, tauro ta, taha taka, taka tanses, (tauses)

tare teto-min tares, tcares tuta ka tcire tcorsi an-pi-s ali-s iwo-pan ika-s-mak onei-a onei-kma-s-e un.e-mu ura-s-mak uhini-s-mak uten-mak waixi-s-pan wayas-mu werxo-s-mak yawisun lisieni-s rite-pan sirka-s-mak xawa-pis-mak xixon, koxoeni-s humaia teye-s tikiro-mak kotcino-knis, -kma

tcite-s-mak

boy, youth, boys child, (foetus), baby (mother speaking) stepchild (mother speaking) wife man, person, cultured person grandmother mother's grandfather (maternal grandfather?) child (mother speaking) elder sister elder brother younger brother or sister, elder brother younger brother or sister sister-in-law young man daughter (father speaking) paternal grandmother maiden cook, toaster, roaster competitor liar, cheat, bully millers companion neighbors friend hole-diggers fishers wizards, witches angry donor, unwilling giver enemy deer-hunters Tulareños walkers toreador nut-hunters callers, shouters meat-carrier countrymen . cook, roaster, toaster kneelers, those on knees servant, boys

dancers

Numerals

emettca, emetka, hemettca, one hemetca, emestca once emetspu emetotca the one two utxin, ustxin twice utstina usxinya they both three kapxan usit, utit four five parues, parnes six nakitci takitci seven taitimin eight watsu, pak.i nine ten tanat, tansa-kte, matsu

PRONOUNS

ka I (subjective) I (subjective), my (possessive) kan me (objective) kan is, kanis, kas, (kak), (kax) I (subjective with future particle) kat I you kames you-my kanmes thou (subjective) me thou (subjective), thy (possessive) men thee (objective) mes thou (subjective with future parmet ticle) he (subjective) waka, haka he (subjective), his (possessive) wak, hak haks, hakas him (objective) we (subjective), our (possessive), makse us (objective) our (possessive), we (subjective) mak we (subjective) (dual?) mak.e, marke we (subjective with future parmak.et, makset ticle) you (subjective), your (possessive) makam, ma.m you (objective) makams they (subjective), their (possesaisa, ai sive) them (objective) aisan, aiske it (neuter objective), him (obnuk jective)

this (farther)

that

those

Demonstratives

ne, nep.e this (close) nepean these nane, nina, nemis, nenis, this

unta, ister, neper nisia

nunis, nunisia, nup·i

nupean

which, that which (relative) numan pina

this (more distant)

Adjectival Pronouns

aipire some aimukte, aixames all, exclusively

aman so many ams.e the other ani, anyi another at.ia only, alone exil-iste alone

imin, imiu, imi·u all (personal)

iruk all wasi(a) much vasir much, very niat, nihia, nuia, nua only, no more l.el.uerte too much hisha any

himself, itself siok, siokwe, siwene pisnie nothing tolon much teyo much much ke-se, kes-e

Interrogative Pronouns

where? an. . . which? anpi, ampi at.e who? whom? (singular)

at.ekin, at.ekinta who? whom? (plural) in at, inuat when? inxam, inxan how many? what? why? where? intis, (imtis)

inka what? (do) inkai what? (say)

ista what? (thing), why?

VERBS

* The stems preceded by the asterisk are those occurring only once or twice and which therefore are more or less doubtful.

A

aiw, ainwe, aiuwe, axuwe, aixu, aipu, arxuwe *aisa.e, inkis.e *aixuwes *auve ayi *ayimi-ni am *am(a) ama *ama-ni ameis, amaes ami, ami-si amiu(m), amoi amne-ni, am-a-ni amsa ana *ana *ana-pu *anure *ansam *ansemi *ale, luwi ara, arsa *arespi *ars.e *arke-n *arki-ni *asa *asi-n asinu-n. as-nu *asiknene aski, askin, askun axe-niak-e-n *axi, arimi *axtu-n *apere at

ata *at.e

*at·ia

atue

see desire, crave withdraw, depart awake, awaken come lose, stop be (substantive) speak truth eat appear play give, bring, hold, carry, preserve teach rain, wet endanger, injure pardon desire to, long to be injured bend, bulge backward paint keep watch, be vigilant break and leave place give quarrel, fight (between women) observe, conceal increase, grow take the road part the hair flow in (water) sneeze hate cut comb flee give again break a tooth chase flies with a branch break, split

examine

view, watch

insult, grumble, quarrel

cease talking, be silent

*at.uemi
*at-mu
*at(ki)
at
*aṭa
*aṭua
*aṭski
ak-a
*akan
*ak-ara
*ake, ak-e
ak-u
at.cun

correct, put right
quarrel, fight (boys)
seize
steal, cheat
congeal
mend, fix
crack, split (earth)
leave, depart
leave, permit
look up
rise, jump, get up
enter
make, finish

E

eies, eise eme, emse, enen *eme-ni emre-n, hemren ene eno *enusi ele, else *elie *eraes *ere *erenmite ertse, ertste *ese *esier esoni, esosoni *exenmi epe, epse *etueis ete-n

shave forget wait, detain be envious write, paint stay, remain signal with the finger raise, lift, arise goad, spur, hurry praise one's self bathe finish, end, complete eat supper dress say hate leave, depart pass by disentangle, extricate, free sleep

T

*iweke, inke

*iwini
iwo
ima
ime

*imu
*in
ina, inxa-n (una)
ina-n, insa-n

gather plants
do
dispute, quarrel
show
join
arise
do
sicken
fall
rain

observe, feel, conjecture, rememinu ber, recall insu know speak, talk, say *inkai *inke-ni seize, grasp burn ilo iluwi, ilpi, ili put on sash or cloth give meat ilsi-mi lift skirts *ilkun irko defecate walk carefully, watchfully isento, is inte await *isi isia be hungry give birth, be born isiwa, isiwi isiwe, isuwe rest isi-m, ispan, iisi-me, iipsi OWA play at hand game isu follow, imitate *isnu, isu dream istu, isut iskani, itskani pay hiceup *iske-ni, xitske-ni ixime trembie *ixironi sprinkle kick *ixiras walk in mud *ixisa shout, cry *ixuk.a go, walk (many) ixwi, iuie *ixtci sting, be stung by (snake) lie down, lay down ipili, ipile turn around ipire, ip.e get the better of one *it.iu cleanse, purify itok lift, raise itma wash ita, itu arise *itanai spur, incite, urge ite, itu disparage ite bruise, mangle hand *iți-ni leave, depart ito, it.co spread (acorns in the sun) *itui *itso, itu, itsku doubt *itcile be ashamed come out itco-ni

oio, (oit), oiis *oiwi

*ouso

*owe

Univ Calif - Digitized by Microsoft ®

seize, take, bring

return a favor, give the thing

tie, clasp, bind

order, instruct

dreamt

*one *oneia *on.ome *onsie ole olo *ol·ue *olhs.e olte-mi orso-n orko *osehe *oswe *opiweis ot.o *ot.o(po) ot.mo *oto ots-io otspe-n ok, oke, ok.o *ok.e *otcenuix otciko *otciko

*uwin

sit down, seat accompany hunt deer ask, inquire can, be able, gain become blind signal kill many give belch frighten speak, reply also scatter manure discover, bring out mend, fix dirty, render filthy piller regain wound have a pain in the penis confess, be exposed discharge, dismiss de deaf, be quiet desire, have desire, covet

U

*uwi-ni *una, unpina *un.e uni ule ule, (uel) ura *ura(pin) *uru-ni *urusi *urse, use *usa-ni use usete, useti, usute *usiu-n *usiule *usui-mi *usulu usxi-ni

kill someone flee cure quiet, cause to be silent desire, covet stop, cease be sad, cry, be unable dig holes make sport of, anger, feel, cause feeling fall have, carry learn (language) have hang-nails on the fingers smell, have an odor conceive (child) depart go out (fire) give seeds surpass, conquer be sad

uspu, usupu *ustu *uska *uske

uxe, uxue, (uxwe) uxsi-ni *uhisoni

up *upi upu

*upxi, upxiti

*utisi

*utix ntn *utue *utku uta-si *uke *uk.ini-ni

uk·isi, uk·esi, uk·osi, uknesi

*utci *utcu

utcu, utu, hutcu

fast whistle

cure by removing stick (sucking by shaman?)

mend, fix, repair

guard; bring the object guarded

increase

desire, crave, covet

cover one's self (clothes)

pay, buy, sell sip, drink a little

bargain, trade, buy, crave, desire,

covet crave, covet

guard, place, sow (seed)

make a grimace double, fold guard, protect (child)

bring water wish to fall, walk around (dizzi-

ness!) drink water close

open carry someone, raise, lift

W

waian wane

*wane-ni

*walektis wal·u-n, wolo-n wara, warsa

warak, warka *warepi waris warse, warsi warta, wanta

*was-e *wasi

*wasi

*washski, (wacki?) waxa, waktci, wak, waxu

*waxaiam *waxa-ni *wata

wate

miss, err satiate, cloy wound one's self follow in file be envious cut weep, cry visit, salute dislike follow, perform

hide behind cut and dry meat beg a great deal hate, abandon

pulverize (with the teeth)

scratch, scrape be thirsty do an act slowly

seize, bring, take atole

come, go

wate *waterei, wetere *wak.u wakun wakna, waka-ni wel-o wesi, xuksi wexe *wetso wi wiya wilki wilo *wiltu wilkwo, welko wire *wirwe wisa *wis.a *wisen *wisen *wisol *wispe wixe wixi, wini, uxi-ni wixia wipa *wit witi *witu wik.e, wiwe *woso-ni *wopo

lack, fail, be wanting augment, make great open the stomach and entrails drown at childbirth freeze cover the head kindle, light shield, cover take out the belly commence, begin light, enlighten unfold affirm with the eyes slope backwards above swell up (tule) blow upon, cure illumine with a brand display, show, teach scratch (birds) dress a person spill, scatter uncover, disclose flash lightning split feathers for arrows fish, turn about, cure dispute, question invite bow, stoop, jump fall, be thrown break a fingernail tremble, shake choke (with pinole) boil

Y

*yam
*yan
*yanu-ni

*yasa
*yat.ia
yata-ti
*yatan, lasun
yati
*yats.e
*yeikmi, yere-ni
*yenko

catch (moles)
boast
have pain in the stomach from
running
not take
frighten
give anything
be full (net)
follow, accompany
be urged, impelled
remain, continue, be suspended
divide love (*)

yer *yiusie *yim-, yumile *yilu *yira *yika yono, yons *yoreti *yoron *yoxon *yoso, yusu *yoporon *yopok yoke yoko *yuwi-ni *yuya yume, yame yura *vuxi(s) *yupki-ni

*yutu-n

grow old, become torn happen, succeed turn seat around commence, enter (season) pick, prick grind in metate cut hair chase, pursue pile up loosen, slacken, ease have carnal intercourse inter se make, manufacture hail make sport of one make ash, become ashes remain, stay bathe, swim deceive, cheat kill by hand hope to break the bottom off run, fall, flow (tears)

M

*ma mai *mai-a, mai-x mala, male *mali *malu-n *maxe *maxer maxi, mawi maxu *max-tci *map.is matal-, matulani matmu, matnui *mak.a makai, maki maku *maku mene, (mane) *menomi, monomi *meno-ni, menso *mensie *merke

look laugh, smile view, behold quench, put out soak, wet cover the genitals come down for the night look down, view beneath make sport of one with the eyes close open be blind, unable to see put hand over or in mouth place face downward stink, have bad odor be indistinct cover, place in order to clean get married go to eat forget sink to the bottom of the water drown in the water be ignorant of, not understand move from the house

look, see mexe, maxe mete hide (in the grass) *miwe, miwik, mixu strike? spread on the ground (bread) *milan *milka rob one without apprehension give presents, regale mira fix the head like newborn chil-*mire dren warm oneself *mistu pluck the skin on the hand, graze *mixira brood in nest *mipti *mito-n fall (bread) test with the point of the finger *mike mit.ci, mitcui, mintcui sharpen, temper, blunt (arrow) *moil-el-e run in a crowd *moitce, moiti gather, collect, come together mome-n, (monie-n) be late, delay *momo place something face downward *monoi enmesh, entangle advise monse relate, recount monsie *moro beg and accumulate (grain) make sport of one by shouting morke (morwe) submerge, sink *moxo-n moho, molio dance above (women) *motiolpese make a reverence *motuhe-n appear, grow (hair) moko be born, leave *muisi-n love, desire, covet swallow without chewing *muiku muma, mapu (mupa) join, combine, meet (roads) munse, munsu soil, dirty camp, prepare for night *mure ache in molar teeth mursu-n musi suckle heat, warm musi like, covet *musi *musiuru-ni tickle in the nose *musuk.te rub, pulverize in the hands suspect, misconstrue muxe *muxi be hot (weather) finish grinding pinole *muxuki, ixikan close the mouth muptickle in the hands and feet mut-*mut.ie eat pinole *muku hawk, cough

*mutcipi

eat breakfast

N

*nayate nam, nanm *nane, nene nansa (nausa, namma) nansi *nasu-ni *natka-u *neike nesepa *niatin nimi nipa noso-po *noxi notio noto *nue *nuiri *nuisin *numa-ni nusa-ni *nuski

go gathering, get hear, listen to, understand count, pass in list, miss experiment, test know, recognize fall, break (fire, brand) blacken, cause to become black be quiet, gentle ask permission cease doing, quit strike, beat, kill teach breathe guard, hide lie, deny the truth slap face, box ear desire to, wish to love increase (pain) pant, breathe heavily snore

L

*laisaisi lala lalei *lalu-n *laski(nis) *latue lak.e, lawe laki laku-n, lauku-n, lusku-n *lakwa-n *lakpom *latcia *lelte *lek.o letsen, lessen, lelsem liwa, lixwa liwi, (lik(.)i, liewi, likni, lixin, lix, uwi) *l.imuok lilui

lisko-n, lisa-n

sing rapidly fell, throw fan, winnow lose, miss the road, wander depart for another place signal with the tongue rise, climb (sun) hang gulp, eat without chewing change from one to another trip, fall, roll and lose something remain in one place turn the eyes too much stink, have a bad odor like, enjoy, please hide in the grass beat, cudgel, kill

steal, run, return and not catch amuse, entertain slip, slide, scrape, graze

lipa *lik.wa loe *lole *l.olio *l.opopoi *lopxe, lopkti lok(oi)s, loksio, lokosi *lokuk *luismu *lulpus luxu-n, lux-u-n *lut.apa *lutie *luka *lutcuma

hide in any place plaster, daub, smear, gloss loath, nauseate, repudiate cause to speak, break a speech be content, appeased, cease anger pass between become mouldy (wheat) lie, make a mistake put out (eye) fall from weight play the flute stick in mud or clay, be stuck in wallow (in sin) hang (like a swing) soften the hair get wet, soaked

R

*ranu-n *rats.a *ratcami *remomae *rensik *rete, rekte *reție *reke *riwi riri *ristest ripa *ripu, rotciwewi ripu *ripsa rita *rite ritca roroi-s, (roro-s) rote roto *rotuk, rotko *roko rotcio, rotcue, rotciwe ruisu, ruisiu, ruisin, ruima, rüki, ruinxa runa rusu *ruxi

have pain in the neck increase, crackle be swelled up with plants go from one place to another interrupt, confuse gather, collect hang in a hidden place change oneself, move transform, change put selvage on cloth serve, do hit with the fist release, disentangle, cleanse, purify prick open with a knife cry, shout make dried meat speak, talk, converse, recount, play, entertain play, entertain, divert, amuse be (substantive) drown untangle, untie knot, knot, tie knot put in the embers enmesh, entangle, free, disentangle move, stir, tremble, shake

dance spit, expectorate hide in the rear ruta
ruta
rutus
*rutuk

*rutu-n

speak about a person, or thing, refer to cut, gather (wheat, feathers, etc.) conceive (child) signal "no" with the head surround by water, isolate

S

sawe saya *sayal *samai, samia *sanae *salu-ni salpa *salki *sare *saromi sarpa *sasa sate satar(a), siatar(a) sate sak.a sakeri-ni *satcepume seye

sese
seso-n
*sesort-po
sesuk
sepe (spepe)
*sepie-n
*sialwini
siaxu, siaksu
*sietco-ni
siole
siotio
*siokole-n
*siurire, similile
*siuspu-ni
*siuto

semo-n, semso-n, (semxo-n)

sele, sehele

selpe

sing shout, cry lie face upward cut the forelock approach, draw near get a cinder in the eye hang, place in a cleft or fissure split, fall apart pray in one's room administer extreme unction patch, disappear from view discover, find (land) make sport of one by naming him open the mouth toast bring a little stick in the uvula bring coals, embers lengthen, expand die look backward intoxicate with tobacco or liquor, be crazy walk in file shiver swell with pride, become haughty decay cut hair satiate, cloy split a flute speak softly hit (in stones) talk, converse among selves, be sad tie hair in a tuft become hoarse, unable to speak have a ringing in the ears be blinded by the sun hunt moles

siwe-n, sik-e-n
*siwi-ni, sixi-ni
siwi(ri-n)
*sin-a-n
*sinmekpi
sinsi
*sintcu, suitcu
sinkuru, siukuru
*silku
*siru

*sixu-ni, suxu-ni *sitia-ni

*sitia-ni *siti-npe sițe siksa, sikila, (sika)

*sitcitce
*soinwe
soro
*sorpo

*soter-pu-ni *sokoro *sokto-n *suman, sumula *sumiri-ni sumixi-ni, sunii-n, s-umiu sumu su-n, swi-ni *sulu-ni *surire-n *sur-ni 811511 *susxe *supe-ni supi *sut.u-ni *sutwi *sutki, sut·e

suksi, sukis swi-n, swi-u *swisia-ni swixe, sinxe

swixe, sin

*suka sukumu

*stcekele (cekele?)

break wind disappear (smoke, thirst) suffocate with heat, burn become bald kiss

act like a boy, otacer toast, cook in earth-oven tickle in the body lift skirt, pull shirt-tail

grind salt rush, gush have feet asleep crumble, chip, make small spread (fire)

soil, dirty cry with pain or weeping enmesh, entangle flow, gush

disappear, dim, recede, vanish, fade extend the feet

darken, become night get a drop of water in the eye become soiled, dirty sleep from satiety

be content decay die

drop or cinder fall in the eye die out, go out, extinguish (fire)

heat, warm oneself be afraid, fearful

act foolishly, play the fool

dream of one tie, bind break, crack pinch the mouth stretch the ears go to meet smoke (tobacco)

think, watch, observe, disapprove consume, use up, finish, die

singe the hair skin, take off hide

toast set, place

X

xaisku, xasku, (xaise-n) *xaune Yawa. *xawei *xawimi *xawi-ni *xamu-ni xa-mpin, xa-npu *xan-ni *xalawe xalas *xaleti *xalsi-npe-ne xalki xari *xarxare *xarpa *xartcute xas.a xase-n, xasese-n xasiwa xasi-mu-n xasli-n (xarli) xastitinme, xatirinine *xapu xata *xatu *xatki *xatki-ni xata *xatuel·e *xake-ni *xakwa-iku xatci-n, xatsi-n, xati-n *xeiwele, xeixeie xewe, xewi xemko *xelue xelxelte xeksio, (xeisio) *xiete xii, wi, xihi, xiixi, xiisi xiwa *xiwis xima *ximsu xine, (xinkone)

tickle, itch draw, fetch water call put on a veil enclose, lock in still, quiet, be quiet die out, go out (fire) eat again desire, crave, covet strike sparks lie, make a mistake play kindle, light (flint and steel) stretch, extend begin, commence befall ill, happen badly disappear, fade away, become invisible lack a bit, a little missing desire to, want to become angry scratch be ashamed, shame fear, be afraid enter wind and cold cleanse, withdraw dirt sweep gather, assemble (fleas) cleanse, purify go to the other side hit grumble, complain be flatulent, full of wind go for mussels die of hunger, thirst, laughing, etc. earthquake, tremble (earth) cast shadow, reflect set (sun) strip off bark float satisfy hiccup go for fire, light fire arrive, bring take off rope around neck seek, search roll the head go, walk

*xile xiras, xirat xiri *xirwi-ni xise xisie, (xitsik) *xisli-n *xixwi xipu *xiteti xiti, xitui, (xite) *xitu-ni *xita *xite *xite pet.o xitia, (xita) *xiti-mi xito, (xita, xikto) *xitorpi *xitske-n xiksi, xiwis, xikoi *xitsik xoin-we, xoixu-we, xoaxu *xowo *xomo *xon(.)o(ti) *xonkote, xonxote *xolome, xauni xorko xope xopo *xot.oro, xot.ori *xotpo *xotcolon *xuma, (xutna) xu-mi *xu-ni xute *xuta xuti *xut.u-n *xutski, xutoki

be wounded, have wounds scold, quarrel, lift the voice make dried meat lessen, be ceasing (rain, wind) select, choose, elect make have pain in teeth disdain, reject carry rub together cleanse oneself catch the hand in the door make dried meat spur, prick, goad, stick stop (wind) become indebted stretch, crawl throw, put, carry outside be contented tie, bind make cotton cloth carry shout ho! ho! skin, take off hide evolver al arco bundle, collect in a bundle ignore, not invite gulp, swallow climb, mount give water, give drink put hand in vagina set (sun) make a hole (water) grind (mortar or metate) give anything finish life, approach death kindle, light fire place inside play game remove dust, powder seize, withdraw, remove change (song) carry on shoulder

H

*hairmurnik·ui hius·e, hinse, wise, ihuse-n *hiuti

*xuka

*xutcu

lift with one hand wish, desire, want throw, cast *hihe(pim) *hume *humi-n humiri, (umiri, tumiri) humu-n, humsu-n, (umsu-n, unsu-n)

*hun.i

be defiant join, impinge, strike wash oneself baptize fly

mix, stir

P

paita *paye paya *pala *palsi-mi-n *parsa parki *part.cipu *pasipi *paskei paxat, paxtca *patiami-n pati *patue *patsxin, patski paka *pak-ak *paka-ksi *pakeit *pakere *pakul *paksa patci pele, pelke

pelte, pete pesoi(po) *pepena *pet.e *pet·e *pete-ni *petole *piisokri pio *pinawai *pilpul·e, pulpul·e, tultul·e pira *pirka-n

*pisieks.i

pixi, pixe

hunt (geese) be pregnant slap, hit with the palm toast, cook gleam, appear light weigh saw a pine visit, salute secure fire with flint and steel know, recognize bet, wager have, hold in hand release, loose strike sparks seek, call, crack mussels marry beat obtain fire, make fire start (tears) give hand, shake hands shine, lighten (fire) fall dew, sprinkle stick, join together, loosen, separate shut eyes remember, think espigar castellanamente guard fried fish escape, flee, fly, go keep mouth closed keep feet together knock with fingers cleanse teeth have pain (neck) beat, palpitate (heart, pulse) inhume, bury scratch (birds) grind, pulverize

split, open

*pixu-ni *pitilu, pistu pitipu, pitui-ni *pitu-ni *pitsi pite, pitue, pitui *pits-a pitciwi *poistco-ni, poitco-ni *poiko-ni *polo pol.o *porpore posio, pasio *pos.o *posol.o ats *poso(poi) *poxoro-n poto *poko-ni potsie *punsi-wi *punsi-ni pulki-ni *puriure pusa *pusi-n *puxi *put·i put-in *putu puta puți, puțe, putci-ri putski *putske *putsiule, potsinle

burst pus pinch, squeeze cleanse intestines of excrement flow, gush (tears) frighten, frighten away tie, bind, unloose, untie signal "no" with eyes shake, cleanse the hair break wind without knowledge frighten, scare sunt sodomicici paint, draw doze cut, singe hair with brand check, suspend, equal intend to dispute be drunk, intoxicated get the hives pull out down, fine hair, pluck swell, puff up grumble, censure catch (birds) view with close attention break off bottom quake, tremble, earthquake satiate, fill, cloy twist like a whirlwind recover, feed, give to eat cover and guard involve, wrap, gather return and go from place to place bring acorns, etc. blow pull hair make the sound "put, put" burn brightly, make no smoke (fire)

T

*taye *tamin, tan. tamu *tamxa-ni tamta

*taula-si

*tanu, tanyu, tan. *tanta

hold in arms go quietly double, fold warm oneself in the sun, take the have earache strike, beat lift skirts embrace, lift in arms

*topope

totio-n

*totoro-n

*talu-ni	make blisters on hands
talţu	extend the palms of the hands
*talku	spring, jump
*tasiute	watch, dance
*tastu	display palms of hands
*taxara	follow, go after
tax(e)	ask, question
tapa	turn the tables, pay back in own
	coin
*tapi	measure
tata	touch
*taṭska	extend hand
*taka-ni	burn
*tak.e	measure
taku-ni	choke, strangle
teme-n, temo, temso	sleep by fire, warm oneself by fire
tenpe, tempe	dry up (water, river)
tere	cut hair
terpe	smart, pucker (pepper)
tie, tik	grumble, complain
tio	shoot arrow
*tiusi-n	flower, be in flower
*timire-ni	have headache
*timu-ni	trip, stumble
tinke-ni	jump, spring, leap
*tilo	don regalia
*tiru	miscarry
*tirsu-n	cut, break
*tisi	cure the itch
*tixi	slice meat, make dried meat
*tixiro-ni	slip, slide, fall
tipe, tiptipe	wander, walk about
*tipur	cut hair
*tipso-ni	rattle, make a noise (bone)
*tipki	cut hand
*titi-n	cover with shoulder
*titu	fray, unweave
*tituk	lie on one side
*tiţu	extend hand
*tit·ci	drown
*toutosi	harden, strengthen
*towo-n	remain rigid, frozen
tone, tonse	lose, find
*tolso	break knees
tor-ke	bring amole
*toxere-ni	be constipated

extend fingers and do top, top

err, mistake, lie

put in salt, salinify

T

*totue tokso, (tokse) *tuine *tuisu, tuiu-rure *tume-n, tume-mels tun.e, (tunk) tunute, (tanute) tule, (tulk) *tuluk tulku tur-si *tusi-n *tusu-n tupu-n *tuta *tutiu-n *tutisi *tukitce

put on shawl rumble, make great noise, snore make wooden bridge tremble (hand, belly) make food finish, complete, end conceive (child) knock at door, call cover one (for the night) give rap, fillip be cold, chilly watch a dance await, expect finish, complete, end cover one, put on hat die? string a bow lift earth, (encorrar)

*tayuwire tala *tasak *tata *tatu-n *tatuhule *takarpite teyo *temelele *tele tetesi *teke *tien tiwi *tinai *tiniwi *til·usi *tis.ektene, tcirsextene tisku *tixta tipe *tipe(spi) *tip-wi *titi tika *toilo

ton(o)me

*tonko-n

smile, chuckle, half laugh be hot (weather), put in sun clear, clarify (sky, weather) possess much, own much cease pain speak between teeth sit down, sink blaze, heat, be afire burn much go in file, follow push, jostle, squeeze, hold tip-toe, walk on toes kick put in bag, pocket tighten, constrain milk listen to attentively, hear cover with ashes split, break, smash hide in sand, be hidden thresh grain make thongs, straps for the capote cut, shorten, clip, abbreviate defend chew, masticate be seated seek a dead animal wither, become ary (seeds)

*toxoro

*tox(pe)

*tu

tuma-s, (tumas, tumsa-n) tunku, (tunuk)

*tulu

*tura

*tursu, tutsu tupu-ni tuka

pass, go by (water) dry up (water, river) strike in the eye like, enjoy, please signal "no" with nostrils, constricting them make a hole thunder walk continually, never stop put finger in eye beg, ask

K

kai, (kayi, kaixi)

*kai-ti

*kawak

*kam

kama(i), kamexe

*kamu

*kamutce, xamutce

*kane

*kanxi

kale

*kal·u

*kar *kara

*karapu

*karka

*karki

kase *kaxi

kapal(a)

*kapata

*kapi

katia

*katu

*katu-ni

*katca, katcue

*kat.ci

*keie(k)

kewe, keinwe

*kelete, kelte

*kelok(mo), kelox(mo)

*kenem ketio

kil-e

smart, be strong, bitter, bite

tighten, constrain

advise, notify

do, make

look, watch, see, behold

lend (wife)

lack a bit, be missing a piece

go to the quarrel, fight

dry up

defend

bite

be fortunate, happen well

grind, rub in the palms

give tobacco

kindle fire with small sticks

bargain, trade, barter

bite

louse, expel lice

embrace

cross the arms, hands

carry a large bundle under the arm

give (clothes, food)

kill with teeth (lice)

dry up (water)

be full of crickets, insects; expel

drown

gather, collect, come together

obstruct, intercept

frown upon, watch with disap-

probation

play by pinching

put in proper place

argue, dispute, contradict

shine, glare, glitter

*kiriwire, kiripire *kixţi, kikţi kipi *kipuhs kitpa *kiţa

*kitca, kitcua ko, ko., kwo., kwa, kua kome

*koliole *kwie, kuie kunile (kupile) kusa

*kusinwi *kuxa

> kuṭa(s), kuṭa(r), kuteuru, kuturu

*kuṭ·a

krak(.)e, xrak(.)e

write

have pain in throat

wink

inflate, swell cheeks hide in hollow of a tree make fire with two sticks close, lock with key; open, unlock

say

tire, become tired

rumble, grumble (intestines)

whistle smoke (fire) wash

meet, encounter, see hide among rocks double, bind, tie

tolerate, suffer, endure name, call

TC

tcai(es) tcaora, tcausara, (tcaura)

*tcauri
*tcantcane

tcala, (tcalsa, tcasali)

*tcahel·e, tcehel·e

tcapu

*tcaka, tcaksa *tcak·i, tcaxki

*tcaku-niti *tcakna-n

*teimun, teaimun

*tcimu-ni *tcile

tcirpi

*teikri-n, teixri-n

tcite
*tcitmo

*tcoliote

*tcorowe

*tcotle

tcokse, tcos.o

teunu, teuni, tunu; (teun.), teunuhwi

tculu

praise

be seated, be (positional substantive)

stink, smell bad

walk with shoulders raised

urinate

take the higher part (song)

prick, stick, pinch bring, arrive leave, depart hate, desert go ahead

treat ill, hinder, impede

bump the head ring bell cry, shout reside, live

dance

prick, punch the eyes water moves in intestines

moisten, dampen sadden, become sad be in file or line

have pain (in mouth or ear) wrap, extend, shorten, double,

lift, fold, unfold jump, spring, leap *teulki

*teuspa

*teukuri-ni

strangle, choke by squeezing neck

hide

defecate, void excrement

ADJECTIVES

aul.i

austu auxe amaya amank ansi antiwin

asia apsie, apsik ateitak atcien atciwa euti el·emo

elepis, elewia

emxe 98.0 etsxe ina in-se

irk-ti-o, irx-ti-o

isiwa itas, itsa itce owos omxol-e olsie umulu unxu unkum

usula, (usuna)

ukumi utcili wartci

was a, waska, waksa

wasiwe

we-solo, we-yero, we-saro

we-tan wetemes.ate wiman

witcuktel, witcuxtel, wits-u

salty, saline

sweet-toothed, gluttonous

high, tall nude, naked famous left-handed small

distinct, different

good so great thievish silly, filthy sweet

soft (ground) straight, in file very soft, gentle, easy

lewd, unchaste leafless, bare ill, sick lachrymose flatulent newborn new

small, little obedient, faithful light, without weight

soft, easy filthy, vile snotty, filthy thin, rare big-headed deep-set (eyes) crippled

full-lipped, thick-lipped difficult, narrow, small (road)

streaked, soiled playful large, great large, great lean, gaunt, thin

lazy sticky

narrow, small

womo wot.olo yamutsi yatcomas, yatceme yer-se yolto, yot.a yopono yusulu mam.oxa, mam.oka, mam-anxa maxul·u mata matini, matil·i meilo mex-el, max-ele metske minua misi-min, misi-mpin, misi-a mitile mom-ti-e muretu, murtcu, murtu, murt.cu muse mutimte mutcira natka niotsio noioro noti-ti-o nop-ti-o nuxurikonin, nuxurixonin nutiri laita laskan latem lakte, laxte lexete l.e-ti-o, l.e-t.i-o, loito, 1.ok-ti-o lisu, liisu lisnie lit.imo lopote loptco luplupsi lutcuma, luspi, luspi, 1.utspi, lutspi

lutcți

bearded deep-set (eyes) unequal, different torn, full of holes torn, old, broken big-eared ruptured fat, pot-bellied foolish, stupid, silly

catarrhal, expectorant
long-haired
large, great
large-mouthed
blear-eyed
cloudy, clouded
narrow, difficult (road)
pretty, nice, pleasant, beautiful,
good
curved, crooked, bent
slow, late, tardy
dark, black, like night

full-breasted fat-buttocked pleated dark, black short, bob-tailed big-footed lying, untruthful short in time, quick flat-nosed big-nosed long in time, tall, high, long even, smooth, plain long, large-tongued big-headed long, tenuous, stringy (phlegm) soft. easy, loose, not hard

toothless, gums
empty, clear
wet (hair)
firmly resolute
ruptured
equal, straight, untwisted
wet hair

big-bellied, hairless

rauța rința riski ritca

ritcua rikți romso ropțo

roteitco, ritera, roteiko

rutis ruțai

saure, (sauri)

saru
saxirinme
satara
siat cara
sieperero
simke
sitl.u, sit.ia
somsie

sotolo, sokolo, sotitco

supiri supiu xanian xalea xas, xase xaska

xat-xatsi, xat-xasti

xemtso
xene
xel.wen
xetoesi
xetsxe
xitsu, xitsiu
xontce, xonxontce

xos-ti-o, xoiskore xo-ti-es xo-ti-o, xoie

xotpe, xot·iko xotsu

xokoi(o)
hituktei, hituxtei
howos

hoxehen humulu husiero with big occiput, back of head thin, lean

flat-nosed

liberal, frank, generous, bene-

ficent

silly, foolish, stupid protruding (eyes)

granular dirty-eyed blear-eyed

open, uncovered, excavated

congealed fat, greasy ruptured

sweet, odoriferous

unclean

clear, rare, thin woolly, fleecy, hairy

silent small, young lewd, unchaste

big-lipped, large-mouthed

watered

like a bladder, blister

married blind brave, fierce

brunet, dark-skinned

clean, well-swept silent

unequal content, satisfied

leafless, sharp-pointed, keen

tired, worn-out insipid, tasteless

empty, void (mussels), melan-

choly, crestfallen light, with little weight foolish, silly

loose, hanging bare, without fruit

with deep-set eyes and bushy

eyebrows scabby, itchy mixed, intricate well-served tardy, late black

taila

tanara

tasku, tasas

huklemesate delicate, fine, light paine bloody paisa good at running white pal(.)ka pink, flesh-color, red, cream patka pel·emo, pelsiek, pelek soft bald, hairless pelo (Sp.1) garrulous pelso pertewe soft (bread) pitko pot-bellied painted, colored polso pinto, spotted, full of points, polpol-si streaked trained (maker of unusual things) porsie artistic porko poxolo prominent, bulging, protruding (eyes) smokeless (fire) potsinle light, little weight potxe potco quick, active big-bellied, with much intestines puntu, putur pultci-te full-breasted putarte newly-born put·u, pultu, polto extremely protruding, bulging (eyes) putcete anxious, desirous tamtcite partly painted, colored tasiri hard, tough taxarute drunken, reeling in file, in a line, straight taxara good tap.an serious tapta tepte shady tirsi, tirtci clear, limpid, pure large-buttocked tirsia tixima, tilto high-browed, with a large forehead tikili large-eyed titira, titiru twisted, rounded towo-ro shivering with cold ashy, ash-colored torte silly, foolish, lying, untruthful to-ti-o tokolo syphilitic smooth, straight, even tokororoi fat tumuru tupsiu humpbacked, crooked, bent, curved

dwarfed

pink, flesh-colored, red

spotted

taxiale tata tak.i takurute tesele tomto tonko tok.i-ti-e tuiuru tutuare tutuna kai-nawin kayi kaltcitce kasl·u katitu katili kakxa, kax-a kel(sie) kelte kero kexil-on ketciwesi kirsi, kits-i kipi, kipiri kipuroro, kiwuroro kititae kits-u koro kuinu, kwinu kuti kutis kutcs-kets-i tcal-ti-a tcalka tcarka tcarki

tcakulsi, tcuki tcese, tcixu tcekere tcirti tcisire tcomelei tcoxisi, tcopsoxsi, tcopsoksi tcoxorore, tcokere teopolotesi tcuierte tcupea tcutsu, tcutu

465 clear, limpid, pure rich, well supplied with garments heavy with fruit (trees) clear, thin, full of holes pink below with loose clothes big-footed good at running, swift wrinkled blunt-nosed small-eved narrow, difficult, small strong, pungent loud-voiced small-headed pot-bellied, fat with prominent teeth bitter raw opaque-eyed, blind twisted (tree) hoarse ready, prepared well-painted twisted, not straight, (feet, road) twisted, streaked creaking, grating one-eyed, squint-eyed thin, gaunt, lean narrow (road)

small very well tied, bound urinous, fond of urinating white clear (sky) quiet, restrained downcast, head downward blue (eyed) torn open, ripped yellow moro provoked, angry, in bad humor cowering, squat pock-marked

green

full of holes

open, uncovered

adorned, decorated

white, flesh-colored

ADVERBS

Locative Adverbs

an.it, anit, an.i, an.epe, wanta, an

ansia
axe
emxe
enenum
esen
ințis, ințo

ițian, iț.ayate orpei usiun, usionte winimui (wirimui)

naxana, nuxana, nuxu ne, ni, nia, nitun, niatun, nime

nu, nua lewețes ramai (resmai)

rini rinsiksi sanae, saeanae sinki

xut·ui tapere ti

tina (pina), tina-tum, tina-tun, titun

tipilikte, tipilile, tikilakte titu kari

ou

where?

distant, far apart, another place

far down, very distant, indistinct

out of sight
behind
where?
there, distant
backward
in the middle
further on, further
below, under
there (farther)
here, hither

there (nearer)

low
within
above
high
hither
end, edge
before, preceding
above

there, behind right here, close, hence

round about on one side outside

Temporal Adverbs

auxaie ameren ar, aru aruta, (arua) artiskun, aṭskun at, ara

et, ete, yete, (yote, ikte, iste)

imi, imain-at, inuat yet, still a little time, little while already (past time)

tomorrow suddenly

shortly, soon (near future or re-

cent past)
still, yet, although
soon (indefinite future)

always, all the time when?

inya, inyaha, (yu'aha)

ipsiun
iti
itixsina
itma

itsia, it·ia, itsia, itian, it·iomtum, it·aiate

osioi, oisio ume, uni ule wisi wika

yas yeteste

maran, markum, markutkus

maha mes, met naha nua

xapuhu, xaputca hokse, hoks huyakse, wiyakse

pinawai tabax, taba kane, kaneme ketciwesi, (kotciwesi,

kepiresi) kotcop, (koph)

kns

kutis, kuti tcien tcira shortly, at once, (immediate future)

a little while, a short time after some time

at last, today early in the morning

early in the morning afterward, soon, shortly

again, another time when, whenever yet, still, as yet past time yesterday ever, at any time

shortly, soon, in a short time

future time at once future time today

yet, still, although

never

a long time ago, formerly

this afternoon

then, therefore, in that case

today, day before, earlier than soon, at once, ready

when, whenever

in the olden times, once upon a

presently, very soon, a little while now, at once always, continually

Descriptive and Miscellaneous Adverbs

aereis, eraeis
aman
amane
amanis-e
amun, amu, amn
asaha
atpesi
ats, ati
ewe, ene
ewoye, eye, etmoye
enohek

es.e

so, thus, truly
so many
in truth, truly
uninvited (*)
in order that, concerning, because
truly, certainly
good, truly
without, no
and, but
(past desiderative)
but (apposition)
just as if

esiensen, esiersem exe, xehe, he, lxi, hi, hexe,

sexe

epaeis, aoepaeis epsie, epsik

ekwe

imatkun, imaten.

isap, isu
ipsen, utix
ortco, yenko
usi

uksi walte wele wisi yasee yekere

yuta yuta

ma mots muisin

nan, nami, nani

nu at∙ia nuhilu, niṭshim

sata
sire
xatxatci
xene-kte
xenkoṭs-e
xeheresi
xeṭskere
xitepu

hai, hahi, aiu, aia, hia, hiha

pini, pinyi, (pinya)

taxe tukne taman kaitis

kati, kata, katam kua, kuai, kuawe

tciel.e

(indirect discourse) yes

perchance, perhaps no! do not! no, not

if (contrary to fact condition)

truly, certainly

more equally why, because

without more ado, heedlessly feet to head and head to feet

(substantive?)
because
also, as well
more, much more
either or
truly

tell me! (interrogative)

(among them?)
perhaps, maybe
yes, of course
cachibajo
like, as if
strongly
stepping high
unequal
silently
low (voice)
crawling
strongly

and, also (enclitic) perhaps, perchance

(interrogative, final position) would that! (past optative)

half

with this, no more

like, resembling, just as if

thus

high (voice)

INTERJECTIONS

ain, aiun, auin, anin atena rautik et

iske it.ie, iuie

give me it! bring me it! shout at middle of dance shout at gambling game wait a moment! come on! let's go! iklamini oto

uruksia(ne) yela, yelamini

yuma
yupe, yu
waras
nami, nani

lalei
linei
ranx
sotoi
sukai
xep
xine
xouwo
xuti

tuii

tiu kama kari ke kie tcaorak

tcit, tcitsk

wait a moment! run! go!

would that! (vehement desire)

wait a moment! come on! let's go! run! go!

let's see! we'll see! get out!

upon my life!

shout at gambling game shout at beginning of dance shout at gambling game shout at gambling game shout at gambling game

look!

shout at end of dance shout at gambling game shout of gambling game shout of gambling game

look!

shout of gambling game

listen! look! who knows!

shout at gambling game shout at gambling game

POSTSCRIPT

At Pleasanton, California, live a small number of Indians, members of various central Californian groups, gathered here by reason of community of interest. They speak Spanish and Plains Miwok among themselves. A visit was paid them for a few hours in January, 1916, for the principal purpose of securing terms of relationship and notes on social organization. One of the two informants visited proved to be an elderly woman from San Lorenzo and from her a vocabulary of a hundred odd words was secured. A comparison of this with De la Cuesta's Mutsun shows actual identity in many cases. The practical identity of so many words proves first, the phonetic simplicity of the language, the care with which it was recorded and the value of the Spanish language as a medium for the recording of such aboriginal speech; second, the slight change which has taken place in this unliterary language in the past century, and third, the correctness of the recent transcription from Spanish to phonetic orthography. As regards the latter point, the correctness of the transcription of gm and gn to km and kn is demonstrated, while that of gs to xs in accordance with tigsin, tixsin is discounted by the record of tugsus as tuksus. No data were secured to elucidate the problem of gt and other g combinations.

The glossary secured follows here for purposes of comparison:

THE STONE	DOCUMENT TO THE TABLE	T. I	
oriš	bear	hun	wolf
oto'imin	snake	pīrēwiš	rattlesnake
ma'i.yan	coyote	TCukuti'	dog
ha'mui	fish		
a'rwex ^f	oak	Ta'Por.	wood
yu'kiš	live oak	Tiwïš	flower
The state of the s			
in	tears	si're	liver
išu	hand	xu·s	nose
urix, uri	hair	hēyek'	beard
we'per	mouth	hiñ	eye
mi.'nyix	heart	horko'sa	throat
mōtel, mo.tel	head	Ta·mas	eyebrows
mu·c	breasts	Tim.auxf	forehead
lase	tongue	Tumiš, tumš	leg, loins
eran.ai	back of neck	Tu-R-	nail
ri.Tuk	intestines	TuKšuš	ear
si.T, sit	teeth	korō'	foot

inuxw	road	eru'wai'	house		
hu't.i	bow and arrow	tepla'i'	basket		
apa.	father	šīnīn	daughter, child		
ana.	mother	ši'nmate¹	small child		
añci	paternal aunt	sulta'wu	white people		
аітакіš	woman	ha'uak'	wife		
а'тсіакіс	virgin	hu'nTate ¹	old man		
ете.	uncle or aunt	PaPa	paternal grand-		
īnīš	son		father		
uetreš	chief, shaman	Taka.	elder brother		
u'xi	mother-in-law	σa∙riš	man		
mele.	grandmother	Tale.	younger sister		
mák.o	husband	Ta'·nan	elder sister		
mayin	wife of chief	Tanšikiš	younger brother		
merē'i	father-in-law	Katenetc'	old woman		
mē'riš	daughter-in-law	Kot.co	young man		
тиекта	people	tcotcou	grandson		
a·we	morning star	yuk.i	ashes		
īrek'	stone	sī	water		
omu'w, omu'x	w sea, arroyo	ešī'∙Tic	fog		
oš·e'	stars	hi'yis	fire		
warē'p'	land	hišmen	sun		
yo·ko	live coal	Kormei	moon		
uik.ani	yesterday	hiwet	shaman's dance		
ne Tuhi	today	hu.ši'š	tomorrow		
erī'sīmu	hill near town	ka'n.o	north		
makišmo'.To		it is cloudy			
makiš a'.m'n	A		it is raining		
yuwa'kne ma			it ceased raining		
herwe		it is hot			
kauwi'		it is cold			
lōškōwiš, loš	ko'iš		it is white		
sirkewiš		it is black			
pultewis		it is red	it is red		
we'ter		it is large			
kutcu'iš		it is small			
šumikiš		give me!	give me!		
man i rōti		where is it?			
rī.Tcikmin		shouting of s	shaman at dance		
hu'.tukne		he died			
ka'-nak hu'tu	isin		I am going to die		
me-nem hu-ti	ısı̃n	you will die			
wa.ka hu.tus	in	he will die			
maki.n makh	u'tusin	we will die	we will die		
makam kaml	u'tusin	you (plu.) w	you (plu.) will die		
wa.kamakeal	u'tusin	they will die	they will die		

hu'.tukne'k

I have died

oʻ.miš ni'm i' ka'.na ekni'mi oriš me.nek' snimi ma'kam kisni'mi wa'.kamak makisni'mi'sim

Ka'.nak to'.fhe ka na ektca u ra ne ca tca · u ra ka na ka'yin pí·n ka'in ka.'iKsiKsiT ka.iksikmo.tel kiška iktumš Kanak u'tkani ka.naksa'wi ka.naeki'ši ka na kwarka ka na eki" wi ka.'nakra'pona ka.'nakio'Tcyen a'rcišmente ekit' kankana anini.k' hi'ntoka'masin akwet' kinšušte takaa'ma ka.nak tcatce ka.nak.emle ka-nak ete ka nak i'tma Ka-nak hö'pe ka nak e'son ka nak yoken

I am going to kill you
I am going to kill the bear
you will kill me
you (plu.) will kill me
they will kill me

I run T sit. now I sit I am ill he is ill my tooth aches my head aches my back aches I am playing I am singing I am dancing I am weeping I am shouting I am going to stir I am laughing I want to vomit I am hungry I am thirsty I am going to eat I don't know what I will eat I am standing I am lying down I am sleeping I got up

I get down I am tired

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^{*} Univ. Calif. Publ. Am. Arch. Ethn., vol. 47.

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