$A /|a-i / B L|$


```
Saemien + setterbiden kach
Bear (Beec Beal) ( - Noine (a Nomä)
Ghanle - - Kil-che
```



```
Deer - - Murehè on M'teĕ
Sxay Sq - - - - - Slus(Srif), (Nol, chmal'Lus)
Plogren - - Nloir-tse (Nuk, Nlor kittsen-ne)
```



```
Lepus catip. - - - Nahchilile (Ner-chosi-gan-nas locems
    Sop Nan'ti,NiLti;Ni-te
    - Ni'-ti&ko-ke (Nar:Namaile)
Buta bovalis -
.. Ches-ai (Mue: Et-si"
megraoh - - - - Ehilllo (rr.Nak)
    M - Kah'chah - Tsi-tsam (Nah 2sitsi)
    Sondogotus - - - Tis'-cho (Nule.?)
```



```
    cho-kut-dă (Nak off
    andeach -
    Ratreversen - Cheni-mah,chen'mi, Kanimar 
    Entaginen - Be'mot au'ite (Nah off
    Solmon_ - - Klo-kahikeskukiko'koh
    EEl - - - Fto ToMi (Suttaniden Teug'ge
    Lauhg% . . - ahitesaNoh'tes (N off)
    vilesirgente - - - Smah (N. - ?)
    Reduod - - kohdehx
    Tanluel - - suichump
    Tavelu
    m-bumeain
```

Athapashan Stock: $\left.\begin{array}{l}\text { Ken-nes-te } \\ (\text { Wi-lak-ke }\end{array}\right)$ (wi-lak-ke)

A/IK/BL2

80/10

## INDIAN VOCABULARY

## Ken'-nes-te

| Name of tribe: | $\frac{\text { Ken-nes-te [Wi-lak-ke] }}{}$ |
| ---: | :--- |
| Obtained from: | Sarah Carl, Garberville, So. Fk. |
| Eel River, California |  |
|  | August 30, 1920. |

1 . . . Lah'-hah
2 . . . Nuk'-kŭ
3 . . . Tah'kah
4... Tin' -chĕ

5 . . . Lis'-kah-lah
6... Moo-kes-lah

## Persons

One Indian . . . . . . . Lah'-hah kin-nis'-tah
Many persons . . . . . . En-hlah kin-nis'-tah
People (Indian) . . . . . Kin-nis'tere
Man . . . . . . . . . . . Kaht' in-chĕ
Woman . . . . . . . . . . Tsi-kets-sah
Father . . . . . . . . . $\left\{\begin{array}{l}\text { my } \\ \text { stah }\end{array}\right.$
Mother . . . . . . . . . Sē en-nĕ
Little girl ( 4 to
12 years)
. . . . . Chus-ké- jah
Baby . . . . . . . . . . Kã $^{\prime}$

## Parts of Body

| Head . . . . . . . . . . Bŭ-sĕ Eye . . . . . . . . . . Boo-nah' |
| :---: |
| Nose . . . . . . . . . . Bun-chis ${ }^{\prime}$ |
| Ear . . . . . . . . . . Bu-che-gă |
| Mouth . . . . . . . . Bu-tah ${ }^{\prime}$ |
| Back . . . . . . . . . . Be-ně' |
| Arm . . . . . . . . . . Bu-kah-nă |
| Female breasts . . . . . Bu-tso ${ }^{\prime}$ |
| Whole leg . . . . . . . Bu-chah'te |
| Knee . . . . . . . . . . Bư'-ko' |
| Bone . . . . . . . . . . Bu-tsoo'-nĕ |
| Teeth . . . . . . . Bu-go' |
| Blood . . . . . . . . . Sắle |

## Dwelling and Fire

House . . . . . . . . . . Yik ${ }^{\prime}$
Fire . . . . . . . . . . Ko ${ }^{\prime}$
Ashes . . . . . . . . . .Ně
Smoke : . . . . . . . . .'Kluk'
$A / \ln / B L 3$
$80 / 18$
c

Neki-an-ni
Wriyot eall Bear Riin thatal - De-ok'-ko-with
Buas Rivecall sclves thetsil - Nek'than sit
Nekian-ni' of Buar Riv. Thattol $\left\{\begin{array}{l}\text { nontu to Brar Rin Ridgs drast; sots an } \\ \text { hyyond Mattie Rimu; East to divide. }\end{array}\right)$
1 'Hli-hah
2. Nok'hah

3 Dahi-kah
4 Den'-chah
5 Thilahilah-bun-hlah
Qun2d Kunines-tēh'
Ifero 'Hli'-hah
Lots "Kuninestěh Koah-lèn
man - Kaht-aninah
mom.... Yah'n-kah
Fotr- Esk.toh myp tah
Anothu Shaferishkah my m she-shansikoh
Old aman . Stéangkah

Childrem.f(sme) Tösh'hre

Eye Shen-ah'gé
Ean Shit-choo-e
Nore Shens-hüh
-hawom. Shititah'



Nek!'kam-ni'
 I Thas a laye tomm viti lig soma house,
2) at dafetome ( $n$ a.ce forpotten)
3) At Qceantitaice, a lite fontri of cafelmentecint.

5) at houniou Ranch alvant miduayrf Bear Rine, Stil-lun'…o Inforn Thanctinestion.
6) at oilcher - name fyotom.

Mus Prince (old $\%$ d moman) formuly f Bear Rime mountime at Rohnernill pereuntin trinits at Ceotia.

The Bear Rime fuf a comiduth basilh thete same thilh as themaleus t ecele thener Neki-an-ni'. Only I bassik obk moman left-the lime at Table Bluff (st i thembodot Bay).

## B. POLIKLA STOCK (YUROK)

Ner-erinen


-Stome kuif - Peggem' mip
"all kios Lame
sFathis - Tabs hyf Nek teht

- Thotim Kamale Inyon Nele-nekaun-kues
$\checkmark$ son Nememerm
$\checkmark$ sraptiar Nem-máde
$\checkmark$ veroth Né-lä'e
vListir (oldu) E-nahs
If Pe'mahr
- \& fotime Pèts-siour-uer
" moorn Koot'săs
Volkmian - Meg-me'-men
$\checkmark$ 1. Moman - Wer-roinmer

Ner-arinar $v$
Ford-Noo-nep'pel
meat - Né-pook'
Dy " - Wet-sě-lak në-pook
"frin - Në=wahs'
Tallour - Wel-lau-gon'nik
Marrown - Ser"
Lue tongul- Weeps

"moush - Geg-graut':
acomberad. Pamp-sé cisht hat hotahot drieh-wehnmenth


Drum Darhid -. Et-chä́gawk
Bonembillu (Heron) - met-sĕ-ge"
Chinf.. Musodevah'
D. . $\mathrm{keg}-\mathrm{ga}^{\prime}-\dot{e}$
hatu_- Pă-ah
Ocran-Pes-kah
Rinu - Rä:̆'ke
druh - Chäshkinine wer. Ră.ăk
ffrimpicten- Et ter ger
Fall Ex-lat-wat-loss
Whet - 8a - ă" $-m e$
Dry - Chā.Tè
shadi-Să-i-was

Eaiten. Skesh Echotmool la "
mutrifge Ker'er-chur
Ant-Merk-hers
2d. - Eै.ké-tā
Sand-chi's!
Rocl - Hah äa" $^{-0}$
Nund Skam la
dlay - Es-kest
salt - Pis-ka (Pè-stea
mudicin - mes-kmah

Neri-éniner


Nen-er'zer [insturBaramunkäget


Fore - hea-ger's
ortu (sea) - Mafi'mah-law (Lensotur, Na poo'es-nă)
Sleuner (hif) Ha'-yum moos
" iffilyat - wä-ächil
minh - Mě̈ges'sic
streun - Mert' (Biyhale-skä-lik'ker-ah)
mat - Skoi'yum
Ekh - Meg'we wh
sen - Poovoole |whitc dan Mön-chà Poroole
Bearun - Tes - àr
afledantia - Weksskam II
Pomenfine - Teg-ge" (hur)


äfaid-Klem-mä'uh
Blambat - Kă-an'-nah
Eeleshin" - Meg wio was
Roblithidblet-chah-pille (mamu)
shint aur-asisä-mo:
mocamin aw-as'wim-ni (certide)
Bos last hat. Ak. Kah'
\&bun ga-ahkikik-kä

$$
\text { Bladdu } \quad 0-t k^{\prime}-t e^{\prime}-e
$$

smat
$\qquad$
arluf - Tant $k^{-\prime}-i t$ Nekloce - $N e-a^{2}$-ker
sich kit-mol-luk

## Sead

Aeadach Rheum né-er'kus Whits" - És ket'? (elay)
 old - Kit-war'-rup Hzays Tè- weri-erigerí

$$
\operatorname{god} \text {-skoo-e-gé } \text { é }^{\prime}(\text { botm }) \quad \text { Ner'er-nen }
$$

-Hherr - Nah.Qus'? Firedrill- Qesh-pé' (kitmod?)
' Villop - Ten.nah' aws sum' 'mues' Mostar balet - Pekekwahn'


Dovin Ref-wi pawk JBigbacertpan-Posh-kaw
Bed Et-skig'ge Bachitfletpfen+k)-Helegó-aws
Fir mat' Pach bevex (came), Kä'-wah' gath

- floer

- Sud padde. Ter-rexe
aches.
suolu
mood
Bour
arrour
avour Ner-kwert
stous" ft K'out'kêh "Boneand Wer-pects

Fest-sfear kam-mä'a' 'Fruchaor etoph Wesikoll
 all ..

Paumitet
$\checkmark$ Boty ${ }^{\prime \prime}$ - $N a_{a}^{\prime}-a s^{\prime}$
merisen -tmíppaddl- Hel-lah'-ga

- Sifat tarhe thut-so nent

- Ner eíme
"Plenty\} - Ten-naw"
Seaver - Sken-naw'
Nome - Ne-mawk'
Y/2 - Säsh-kĕé Mave - ă-temi-mer

Bif - Hè- wah \& Cel-loi-ä Liet... -
Lum = Sken'nah echäsh-ké Language-.Umimé-mah
Long - k'ná. wakl-lek
shoit - skwä-koi- yě
Round - mauri-köriă
straight - $T^{\prime}$ wäsh-ko
crovind Yau'mel
uf - Nuni-năiko
Doven - Tsaur-lá-o
ufceast P P-lile'
Souve " - Chaw-lè
Far - Sfännelé
Noan - Skwerkă
Red - Pä-koi-zy (yellowsmene) Tance - Ren-nawi-pā-uk
Plach - Law
whit - mōnts $\bar{a}^{\prime}$
Blue - Er-wei
Bray - kă-wer-len
Sfottrd - Pep-poor-sker
strifud Sinigiriles

Lamies - Then-persh' coyotrs whishes Enten 6 hotem or acdur
(
$L^{23}$


Klemath Indian Names af Mamale.

Elle Woon (Wönéefflyatr) mole To-ma-lok
mule Dur Shekholty Showry

Bleck-tail Duer moos-mus
Pocket Gopher. Mo-nana-tam-nas
White-tail der sma-es
ht Shech We-css
antelofer cha-o
Erigstgrear Lok
Bledr kear $W_{e}$-tam

Timbur melf ¿CDoyoches
Red Wart-ma
ailmu hi-hi'

martin Paap (Pap affly.) Kangaroo Raz Blina-hoch-ness (madiuh at tim)
Bat En-che'cha Bat (affly. muphitio $\begin{aligned} & \text { Chaw -is or cha'- as (afferath) } \\ & \text { Jos-sus (cuminghan) }\end{aligned}$
Badger $\mathrm{koltz}_{z}$ (ko्oltz affly:)
Weasil Ketch'-kutch'
Bearus Pömé
Panthe, Congar Dos'-lotch afflyeat
Wild cat Wol-kot'ska
ottur kolt'
mink KL-aaba (Klā-pa affly)
Lechrallit (lucdectild) $\mathrm{Ng}_{\mathrm{o}} \mathrm{L}^{\prime}$ (Nempalightty dompd) offlyath
daclerablit (midh taild) $\} \mathrm{Chi}$
Cottatail Che-wäkana
Lroundtry mo-r
Strifh Effermiftile (3.chypedimeo) chith-lass

meadon mouse ali-wa

Whit-forotid haves
me-ko-ka
Woad Rat
cho-cho

## G. SHASTAN STOCK

Shastan stock: Ko'-no-me'-ho

## $G / 6 a / B L 5$

80118

Dr C. Hart Nerriam
1919 Sixteenth St.,
Washinsiton, D.C.

My dear Dr Merriam:
I am sorry to have been so slow
in replying to your letter of a couple of reeks ago, but have been tied up with other things.

Sc far as the New River material is concerned, I have some thirty or fcrty words from my informant, although only the halfdozen have as yet been published. There is obviously a good deal of contradiction between the informants from whow I secured my Konomihu and New Fiver material, and those from whom you have obtained your vocabularies. The best thing is to get the material on record, and let the matter work itself out. I shall be interested to see your material, and hope $I$ can get around to getting my data out.

I fear that $I$ cannot correct your rendering of the Konomihu and New River material of mine already published, as I don't understand your scheme. It would, under any circumstances, not be of any scientific use. You are guite welcome to reprint it hower.

With best wishes


|  | $\text { As } \begin{gathered} \text { written by } \\ \text { Dixon } \end{gathered}$ | As written in phonetic English |
| :---: | :---: | :---: |
| Indian | Kisapuhíyu | $k^{\text {kes }}$ ' ah pü hé ${ }^{-1}$ yoo |
| Wild Indian | iksinahutqe | ek sent ah hut kwe |
| Head | kíha | $k e^{-1} \mathrm{nah}$ |
| Eye | ki'oi | ket oe (or keioi) |
| Back | kíkíwatitxop | ké' kē wah tet'hōp |
| Hand | kípoman | ke' po mahn |
| Legs | kahāmasākanātsxsu | kah $h^{-1}$ mah $\operatorname{sa}$ kah nāté 'hsoo |
| Hair | ts áwai | $\mathrm{tl} \overline{\mathrm{a}}^{\prime} \mathrm{mi}$ |
| Stingy | kưxiwíwi | kŭ 'he wéve |
| House | in'nnokwayig | en' nok wah yeg |
| Water | kumina | kum'mah |
| Lake | tf inlapzau | tf en' ahp hau, |
| Creek | kinapxig | ken ahp 'hog |
| Rock pinna | e ti'pois | te' poi |


| - | As written by Dixon | As written in phonetic English |
| :---: | :---: | :---: |
| Mountain | kip | kep |
| Saddle of mountain | hêmau | $\mathrm{ha}^{\prime}$ mau |
| A flat | pâwi | $\mathrm{pa} \mathrm{a}^{\prime}$ we |
| A ford | hau'na | hau' nah |
| A trail | k ! $\mathrm{n}^{\text {öm }}$ ' | k ! $\mathrm{n}^{\text {o }} \mathrm{m}^{\prime}$ |
| Stone | quäsunip | kwE'sun nep |
| Obsidian | $\mathrm{k}!$ e'tspai | $\mathrm{k}!\mathrm{a}^{\prime} \mathrm{t}$ spì |
| Sand | kit'futs | ket'luts |
| Night | qummáttl au | kwum matt $t$ lau |
| High | p $\overline{\mathrm{a}}^{\prime} \mathrm{k}^{\prime}$ wai | $\mathrm{p} \mathrm{ak}^{\prime}$ wí |
| Straight | is'abunnatŭtsŭkum | es' ah bun nah tŭt sứ kum |
| Ugly | atanèmig kipxawi | ah $\operatorname{tah}$ nà $^{\prime}$ meg kep'hah we |
| Grizzly bear | kāmkātsininèu | kăm kāt' sen à ou |
| Coyote | qōmūtsau | kwō moo't sau |
| Fox | ki'putska | ke' put skah |


| Ground squirrel | kipnikawats | kēṕ nek ah wahts |
| :---: | :---: | :---: |
| Bat | kitcuruluni | kech um＇ 00 ne |
| Prog | k！uts＇watin | k！uts wah ten |
| Newt | tapākan | tah $\mathrm{pa}^{\text {a }}$＇kahn |
| Salmon | yänni | yann ne |
| Trout | sáhawai | sah́ hah wī |
| White fir | sámaka | sah＇mah kah |
| Cedar | kińaxo，qoas ${ }^{\prime}$ | $\mathrm{ken}^{\prime}$ ah＇ho， $\mathrm{kwo}^{\text {a }}$ |
| Spruce | qohíma | kwo $\mathrm{he}^{-1}$ mah |
| Hazel | xaśki pāma | ＇has＇ke pā mah |
| Brush | ki＇tsa | két sah |
| Eat | tammăhawe | tam māt hah w̦⿺廴⿱㇒⿺𠃊⺊丷天 |
| Where do you come from？ | tcā́ma hāyi | chā＇mah hā ye |
| Who is that？ | kīpáhapo | kē pah＇hah po |
| I＇m afraid of him | kipı́sinikwai | $\mathrm{kep}^{\prime}$ es on e kwi |


| ． | As written by | As written in phonetic English |
| :---: | :---: | :---: |
| I＇m sorry | ai＇yukiyātc | i＇yuk e yāch |
| Come here | mátíkina | mah te ke：nah |
| Look over | kisnitiknima | kes＇ne tek nē mah |
| Go away | ki＇ts！iyatsau | kétsl e：fah tsau |
| Go away，I＇m just going to hit you | yīs＇anamnās yāśamati tcapātitakya | ti yēs＇ah nahm näs yas＇ahm ah te chah $p \bar{a}$ tet ak yah |
| I＇ll hit you | assêhèpannahap | ahs $\boldsymbol{s}_{\bar{a}}{ }^{\prime} h \bar{a}$ pan nah hahp |
| Come down | kipâth ${ }^{\text {¢ }}$ ， | ke pāk＇${ }^{\text {＇hau }}$ |
| Get down | klihītsinnihauwa | k！eh èt sen ne hau wer |
| Let＇s run a race | quáhapūās | kwah＇hah pü às |
| I＇ll run too | k！wihimati ts！atsl | lau k！wé he mah te ts！ah＇ts！au |
| Look up this way | qorhíma qwấma | kwà hé mah kwā＇mah |
| I met him there | qi＇si put＇sup | kwt＇se put＇sup |
| Cedar is soaking | kin＇axo klupatsi－ pắqua | $k^{\prime} n^{\prime}$ ah＇ho $k!\bar{u}^{\prime}$ paht－ se $\mathrm{pa}^{\prime}{ }^{\prime} \mathrm{kwah}$ |
| Who cut that off？ | tcapāti tāxès ${ }^{\prime}$ | chah $\mathrm{pa}^{\text {＇}}$ te tā＇hăs＇ |
| Who licked that af | f？tcapäti niphit t！ aiăs | chah pā ${ }^{-1}$ te nep＇net t ！iās |
| Wild onion | táamanak | tan＇ah wah nahk |

## New River

## As written by Dixon

ki'oi
kinhux
ki'tsau
gêtc
gq'ats ${ }^{\prime}$
kit'tun
gàau'

As written in phonetic English
kêloe or ke oi
kernuh
kétsau
galesh
gakats
ket'tun
gah-an'

alleged "KONOMMHO" HORDS OBT INYD BY DINON IN 1903 [probally Kah-hoo'tin.éruk]



## H. ACHOMAWAN STOCK

Achomawan
H/7a-m/BL6

## ADDIT IONAL HORDS <br> ă-ju-mat'-we (1928)

After a while . . . . . . . . . . . . . Mo-tow'-we-ché
Afternoon . . . . . . . . . . . . . . .


| $\stackrel{A}{\text { a }}$-ju-mah'we ${ }^{\prime}$ |  |
| :---: | :---: |
| Coward . . . . . . . . . . . . . . . . Al-litch-te-ké |  |
| Cripple . . . . . . . . . . . . . . . . We-damímow-ye |  |
| Crotch . . . . . . . . . . . . . . . Tet-tă-lok kā-he |  |
| Crowd . . . . . . . . . . . . . Ham-mis bunch |  |
| Cured . . . . . . . . . . . . . . . . Tiñ-ne-léche |  |
| Dagger . . . . . . . . . . . . . . Tej-jah-ko-tse |  |
| $\text { Damp . . . . . . . . . . . . . . . . }\left\{\begin{array}{l} \text { wil-lăch tah-pé } \\ \text { Ip-lah-ké } \end{array}\right.$ |  |
| Decoy (duck) . . . . . . . . . . . . . Ten-nah'-kahts-hi' |  |
| Dig . . . . . . . . . . . . . . . . Te-wé-e |  |
| Digger (miners) . . . . . . . . . Waw-we |  |
| Dip . . . . . . . . . . . . . . Tig-go-litch-he |  |
| Dispute . . . . . . . . . . . . . . . . Chis tel-1ŏk mé-che |  |
| Dizzy . . . . . . . . . . . . . . Mil'mil toó-je |  |
| Dropped . . . . . . . . . . . . . . . Dé-jal-10'-po-me |  |
|  | $\cdots\left\{\begin{array}{l} \text { As-ti'-me } \\ \text { Hi-wah'-100-ah } \end{array}\right.$ |



Messenger Wah-de-se ah-wah-mahk-choo
Peg (to drive peg in ground) Tas-lats-tam-ma-go
Playing Tin-now-wuk wum-me
Property Tah-meu-ch an
Rubbing Te-go-10-che
Splitting Tah-lah-te
Swimming Te-si-me
Thawing Dim-meh-hi
Try Te-tam-mah che
Trying Sed-da-mah-che
Very big (biggest) Wah-wo-as-che
Very near Mah yah-was-che
Very far Poch-was-che
Vomit De-ap-hak-ye
Wait Dis-nah-yah
I'm waiting Ses-sa nah-yah

Wedge . . . . . . . . . . . . Tel-lah-pé-koo Whip . . . . . . . . . . . . . Ten-nahts té-che Windy .............. Tā-how'me Mound ed ............. Pahs-tad'-do-jo

## I. KAROK STOCK

Grizaly--The Karok have two names for the Grizzly: Pe-rish-kah-re from Re-rish bush and Kah-rim "no good", meaning "bad in the brush"; and Nan-nutch-kahm meaning older sister.

Mountain Lion--The Mountain Lion is called Yup-soo-ke-ra, meaning green-eyed.

Coyote--The Karok have two names for the Coyote: the proper name $\mathrm{Pe} \stackrel{c h}{=}-$ nef-fitch (or $\mathrm{Pe} \stackrel{c h}{=}-$ na-fitch), and Tish-rahm-ish-koon-te meaning "valley watching".

Big Wolf--The Big Wolf is called Ik-kow-0-nahm-itch (or Ik-kahv-num-itch) meaning "howler."

Water Panther--The Karok believe in the existence of a Water Panther which they call Ahs-kahm yoop-s00-ke-rah. They say it is a large spoted animal living in ponds or lakes.

Mink--The Mink is called Hon-thoon-ohm-wan meaning "crayfisheater".

Elying Squircel-The Flying Squirrel has two names, Ahtch-paht-kaht and Poo-yah-hah-rahtch-not meaning "corpse fly" from Poo-yah-hah-reh a dead person or corpse and the name of an insect said to frequent dead bodies. The reason for the name I did not succeed in obtrining.

Beaver--The name of the Beaver is Sah-pe-neetch meaning "down low old man".

Aplodontia-The name of the Aplodontia is Mah-pe-neetch meaning "up high old man". It is also called Tin-kan-nahch-noo-pitch.

Dog and Horse-The old-time Indian dog which was as big as a Coyote and had stiff up-right ears was called Chishshe. When the white man brought horses into the country the Karok called them also Chish-she or Yu-rus-chishshe from Yu-rus the ocean, meaning "ocean dogs" as they came from over the ocean. The Karok at Happy Camp call horses 0 p-se-pum-rah-wahn, meaning "grass-eaters" from 0 k -seep, grass.

Raven and Crow-The Karok say that the Raven, Hot-ta-nah-sahk, and the Crow, Ahn-nahtch, were the first birds to appear after the water went down.

Crested Blue Jay--The Crested Blue Jay, Kah-chah-hahtch,
is said to make rain. The Oregon Canada Jay (Perisoreus)
is called $\Delta$ s-koo-re-tam-wahn meaning "deer-fat-eater" from 1 hs-skoo-nit, fat.

Kingfisher--The Kingfisher is called Ahs-skoop-ahm-wahn meanins "t.rnut-eater".

Plicker-The Flicker (Colaptes) is called Thoo-wook or Thook. When he calls some one will come today or tomorrow. He has no more fire and catches dold every winter.

Hairy lloodpecker--The Hairy Woodpecker (Dryobates velosus) is called Chem-noo-pan, and is said to be the mother of the Great Pileated Woodpecker.

Red-breasted Sapsucker--The Red-Breasted Sapsucker (Sphyrapicus ruber) is called Koo-nah-nitch, and is said to be the little brother of the Great Pileated Wood pecker.

Barn Swallow-The Barn Swallow is called Hahn-thoon-moo-vahsun meaning"crayfish's bad friend".

## Miscellaneous

Dragonfly--The Dragonfly is called Ah-ti-rum sish-kah-rah meaning long-tailed star (Ah-ti-rahm, star).

KAEOK NOTES ON ANIMALS AND ANIMAL NANE S

> Brush bad

Grizzly Bear called Pérish-kah-re, meaning 'bad in the brush'.
Coon called Ah-kwaht", name referring to face marking.
Mountain Lion called Yoop-soó-ke-ră, meaning green-eyed.
Coyote, Pech-nef-fitch. Also called Tish-rahm' ish-koon-te, meaning 'watching valley flat'.

Water Penther. The Karok are strong in their belief in the existence of a so-called water panther, called Ahs-kahn yoop-soo'-ke-rah, which they believe inhabits ponds and reservoirs. It is said to be as large as the Mountain Ii on or larger, with a long tail, and has a spotted body.
Big Skunk. Celled by 2 names: Chin'nim or Che'-nim and Koof'. The Little Spotted Skunk, Spilogale, also is called Chin'-nim or Chin'-nim an-nah-mutch. Singularly enough the Littile Spotted Skunk is aidtled the grandmother of the big Skunk.
crawfish
The Mink is 'Hon-thoon ahm'-wan meaning crayfish-aater.
The Beaver is Sah"pe\#-nètch, meaning 'down river old man'; while Aplodontia is called Mah' poyl-nētch, meaning 'up high old man'. Apparently the Aplodontia has another name also. Tin-kan-nah $\stackrel{\text { ch }}{=}-n o \sigma^{\prime}-\mathrm{vitch}$.

## Karok Animad Nomes 2

Dog has two names: Chish-shé and Te-van'-nah no-hwah-nitch. But unfortunately the name Chish-she' is applied also to the Horse, though nore properly the Horse is Yu'rus chis'-she', meaning ' $\theta$ cean dog'so.

The Little Pygry 0wl, Glaucidium, is called E-pus nah-ah-vahn. It is said to kill Elk and Buck Deer by flying into their ears.

The Raven and the Crow were the first birds to appear after the Flood.

The Crested Bluejay, Kah'-chah-kahtch, has the power to of makery rain.

The Gray or Oregon Canada Jay, Perisoreus, eats deer fat.
The Dove, Zenaidura, is called Pim-nun'-ne tun'-nah-kah'nitch, meaning' summer mourner', and is said to cry all summer for $i t, s$ grandmother.

The Flicker, Colaptos, is called Thoo-ook. When he calls, someone will come today or tomorrow. He has no more fire and cannot get any, so he catches cold every winter.

The Hairy Woodpecker, Dryobates villosus, called Chem-noo'-pan, is the mother of the Great Pileated Woodpecker, Ceophlaeus pileatus.

## Karok Animal Namos 3

Red-breasted Sapsucker, Sphyracopus ruber, is called Koo-nah-titch, and is the small brother $r$ of the Great Pileated Woodpecker.

The Barn Swallow is called 'Hahn-thoon moo-vah-sun, from 'Hahn-thoon the crawfish, and moo-vah-sun meaning bad friend or enemy. The resemblance to the crawfish is in the forked tail.

Cliff Swallow, Potrocholidon, is Es-sup-pook' wà-nitch, meaning the gargler'.

The Great Blue Heron is called $A h^{\prime} \stackrel{c h}{=}-a h^{\prime}-w i^{\prime}$ or grandfather.

The common little red-bellied snake(Storeria) having a light collar around its nock is called Ish'-pookkah pas-koo'-rah meaning 'money mark' -- ish-pook boing the names of the precious ientalium, the principal money of the tribe.

The Dragon-fly is Ah-ti-rum-sish-kah'rah, meaning 'longtailed star' or shooting star.
kah-rah'-ko
Eollaming ou a fum mord, of th Kah.rahi-ko (kah.lik.ko!) languge:

1. Yis'-sah
2. E-krew'ke
3. Ah'kuk
4. Hok'ke-new'ke
5. Kwe-dahk'
6. Kwe-rok'-ke-new'ke (kwe-rok'ke-mew'k)
7. Pee's
8. It.tro'bah.tis-on
9. Ter-röp
10.Trah'-he-ah

Peofle Ah'rahr
Fire - Tim'shoot
Water-Ish'-shah
man. Ah'wahn.son
Woman. Ah-sik-tow'-an
Snow. Tah
Klamath Rime, Is-këh' (:The River)
Seatt Rime Ah-Wah'-tä-ho
karok trilu, Yu'-rö-kwar ( = dowen rimetilu).
Sun Koo'-sahigah
Conduesa Rine. Is-sä-we'rup Braku forn (Ptridium). Kah.tah'-seet
Sugar fint . - O'sip
Peuditenga . Wats'-ă-We (on Dahch-pul!)
Queuens califumien. Hahn' seep
quecus garryana Ahhth-o-wäp
madrome . . Ko-slee'pah
Willem (lopplop ).. Koo'fit
manganita . . Fos'sip
Hayel ....Soo'rip
service hary hish - Ah-vish'ip

## K. CHEMAREKO STOCK

chemareko

$$
k / 1001828
$$



Daughter. ...............Mah-sil'-1i
Brother. ............... $00-100^{\prime}-t, i$
Home of tribe--Trinity River from Big Bar (or perhaps North Fork) up to within 7 or 8 midies of South Fork Trinity.
Vocabulary obtained from full blood woman, Sally Noble (widow of Steve Noble) AT Noble's Ranch on New River .....--Sept. 16-18, 1920.-dum.

1. Poon'
2. Ko ${ }^{\prime}-\mathrm{koo}$
3. $\mathrm{Ho}-\mathrm{ti}{ }^{\prime}-\mathrm{o}$
4. Kоо'-e-goo
5. Trahn'-nā-hă
6. Poon'-che-bum
7. K0 ${ }^{\prime}$-kish-poom
8. Ho-di ${ }^{\prime}$-che boom
9. Win'-che-goo
10. San'-boon

P
20, $\mathrm{Ko}^{\prime}$-koom toom $\operatorname{san}^{\circ}$-boon
One Indian. .......... Che-mahr-rah-poon
Two persons. . . . . . . . Ko-koo che-mar-rah
Many people.......... Che-mar-re'-tah
People (Indian).....Che-mar'-rah
People (White men)..Chem ${ }^{\prime}-t, 0-a h k^{\prime}-$ tah
Man. .................Che-mahr $\overline{\mathrm{F}}$-'tre
Worann. ................Poon' char-rah one woman
My father............E-che ${ }^{\prime}-1 i$ ( $\mathrm{E}-\mathrm{chil} \mathrm{I}^{\prime}-1 i$ )

Father (addressed)...E-che'-li (wahm-dah?)
Mother..............She'-t,oi (or She'-doi)
Son. . . . . . . . . . . . . . . . ôo-wel'-li

Sister................
Elder brother........00-100'-ti ah-hain'-win-dah
Elder sister........ " "
Younger brother.....00-100'-tii ah hi'-ah
Grandfather (father's father)...Hah'-be-1i'-a
Grandfather (mother's father)...
Grandmother (father's mother)...Mah-chel'-li
Uncle (father's brother)......... Mah-kno'-li
Aunt (father's sist,er)...Moo'-tah-li
Aunt (mother's sist,er)...Mah-li'-e
Old man. ..................... F-choon-tal'-lah
Old woman. ................. . Shon-noo-hoo ${ }^{\circ}-1$ lah
Young man....................00-wol'-lol-lah
Young woman.................Ah-mahn'-lel-lah
Little boy ( 4 to 12 years) F-chill'-lah
Little girl(4 to 12 years) Poon-sal'-lah
Children ( 4 to 12 years). F-pim'-tat
Baby. .......................... Hah-lah'-lah
Twins........................aw-koo in-noi'-dah (Informant sayrs they neverhad
Widow. .............................. ${ }^{\prime}-$ sah
Widower. ..................... Mame' -mot -t,oo
Barren woman. ................ Ho-noi. '-en-өl'-lah
My husband. ................ .E'-tre ${ }^{\circ}$ -
My wife. ....................Poon-sah'-re
Mother-in-law (husband's mother) Choo-choon'-dah
" " " (wife's mother).
Wife's sister. . . . . . . . . . . .Mek-koo'-e


Diarrhoes.......Hoo-too-nā'-we tsat

Menstruation. . Hoon-mah'-maht (11)
Hungry. . . . . . . . . Ah-mah-kā ${ }^{\prime}-$ ne
Thirsty. . . . . . . . Ah-kahk-ā-ne
Happy. . . . . . . . . Choo-se'-tah
Unhappy. . . . . . . . F-tsahn ${ }^{\circ}$
Good............E-se ${ }^{\circ}$-tah
Bad.............Hoo-le'-tah (or ${ }_{(12)}^{\left.\mathrm{Ho}-1 \theta^{0}-t a h\right)}$
Angry. . . . . . . . . .Hah-wā'ne
Afraid.......... Chah-win'
Jealous. . . ..... $\bar{A}-h 00^{\prime}-\operatorname{tah}-$ wä $^{\prime}-$ ne
Lones ome. . . . . . . Choo'-goot rō't-ne ${ }^{\prime}$
Clean............ Fr-so ${ }^{\circ}$-tah
Dirty. ............Hoo-lik'ne
Poor...........Wah-choon'-chal
Rich (wealthy). Á-hah'-tā we-taht'
Lazy. . . . . . . . . . . Koo-chet.
Buckskin(tanned). Cheet-hah e-poo-ah' ${ }_{k}$-too
Toga or blanket. Cheek'-hah
Belt worn by men.Ko-s00 -300
Breech-cloth. .. F-che'-rah
Shirt, (formerly worn by men).Hah-ah'-sah-dutch-ah
Skirt (formerly worn by women). E-che'-sho-lah (buckskin)
Apron(old time, of pine nuts etc.). $0-h \bar{i}{ }^{\prime} n$-sho-lah
Pants.............ft-tōl-jah-dutch-ah
Moccasins for men(summer). F'-pah

- " (血inter).
- *women. ..........

Snowshoes...... (didnot have any)
Hat worn by wornen. How-00'-me-é-chă
of Woodpecker feathers
Headdress of feathers. Ko ' no no-che \& Choo-ret, -too (2 kinds) Beads........... Hah-hat' - too
Wampum. ..........Chon-t.00'-tre
Dentalium shell. Troo-troo-tre Choo-troo-tre

Red paint.......We-le $0^{\circ}-\theta$
Black paint.... Chel-1ā'
White paint. ... Men-nā ${ }^{\prime}$
Tattoo marks...Hoo-tsoo -nah Ho-ko-tá -o
Village otr town. Ah-we'-taht
house many
House (permanent). Ah'-wah
Ceremonial house. .Ah'-wah hoo-sahm'-kno-nit
Camp (temporiy) 0 - hoo $^{\prime}$-choo-tah?
Doorway. . . . . . . F-sik'-ke-at'-sah
Bed. Ah-che' -nah-dah! chah

Fireplace...... Ah-poo shet'-tah
Fire............. Ah ${ }^{1}$-poo
Live coals or embers. $\mathrm{Po}^{\prime}-\mathrm{ah}$
Ashes. . . . . . . . . Mah-trra' ${ }^{\prime}$-pah
Smoke.............Kā ${ }^{\text { }}$
Firewood........P00-s00'-ah
Footbridge...... He-ahm ${ }^{\text { }}$
Bow. ............. $\mathrm{Ho}^{\circ}$-po-noo
Arrow........... . Sah ${ }^{\text {- }}$-ah
Stone arrow-point.Kah'-ko
Quiver...........H0'-800-sah'-chah

Spear (for fish)....Ah'-ter'
Snare..................Hah-hah'-chah
Deadfall............Ak-kol'-dā (any trap)
Knife (of stone)....Choo-sel'-19 (19)
Fire drill............Ho-six'-sah (or Ho-sik'-sah)
Mortar basket........Hah-大̌h:00 (Hah-ă-00)
Pestle of stone.....Ches-soon:tan (13 or 14 in. long)
Stone under mortar basket. Kah-pin'-nah
Small stone for splitting acorns.Kah-ah' $-e^{\prime}$-chah-kō'l
Acorn leach. .......... Mä-cho' -ah
Place where acorns are cookod. H0 $0^{\circ}$-pa ho -put
Hot stones for cooking in basket.... Po-kah' -ah
Two sticks to take hot stones out of fire..Po-kah'
Stirring stick (to stir hot stones in basket). $\mathrm{H} 00^{\circ}$-poo -kah
Digging stick....... Hoo-trā ${ }^{-00}$
A stick..............P00-800!-ah
Pipe................ $0^{\prime}$-ne-pah (didn ${ }^{\prime} t$ have pipes in early days)
Tobacco.................. $00^{\circ}$-wah (Chim-mar'-roo?)
Resin or pitch. .....Ahn'-no-ah
Thread of fiber.....Ish-hoop-kish-shah
Soaproot brush.......Tran'-nä-che
Cord or rope........ Ah-choon'-re
Carrying band for head. Sahn'-ke-en'
Fish not.............Atch'-hoo
Boat (Iog dugout)...M00 ${ }^{\circ}$-too-mah
Paddlo................ He-as-mi ${ }^{\prime}-\mathrm{ka}_{(2 \mathrm{a}}^{(22))^{-c h a h}}$
Burden basket........ San'-ke-en
Large cooking bowl (twined). Poi-kel-lah

```
Small mush or soup bowl (twined).Poo-kөl' (Po-kol')
Meal tray" (or "Indian pan")..Poos-nah
Circular winnower (broadly conical; twined weave)..Pow'-wah
Small basket cup for drinking..Poo-chen'-ne
Baby or papoose basket..Wen'-choo
Mortar or milling baskot..Hah-ă'00
```



```
Meat. . . . . . . . . . . . . . E-tre'
Dried meat.........P的'-jo-toon
Tallow...............Pe
Marrow. . . . . . . . . . . . 00'-she
Dried fish.........00-mool'Iatch-oon' (salmon)
Salmon egrg. .........It-ki'-*
A feast. . ...........Cho'-mah-ret'-tah chook'
An acorn...........Choo'-poon (of White oak, fallen)
Acorn meats..........Yu'-tre
Acorn meal before leaching..Yu'-mah'
    ." after " ..Pah'-she
Acorn mush...........Ho-pä'-wah
(27)
Acorn soup. ............-pa人'-oo
Acorn bread..........Chen'-neu
Acorns soaked in cold spring a year.. Pak'-hah(cooked like potatoes,
Pine nut (of Pinus monophylla).
* " (" sabiniana)...Hã-cho \({ }^{\circ}\)
- (of P. lambertiana).... Hah-kā \({ }^{\top}-\infty\)
Strawberries..........Ham' - wah' \(\frac{\text { nah }}{(28)}\)
Blackberries.........Hah'-moo-ah'-nah
```

[^0]

Fall. Ah-so'-te wook'-tah (56)
I.................Nawt

My (or mine)... * pă'-che
Yuo (singular). Mah ${ }^{\prime}-$ mo $^{\prime} t$
Yuo (dual)..... Mah ${ }^{\prime}$-mŭt $k o^{\prime}-\mathrm{k}_{0} 0$
Your or yours (singular)..Mah'-mott pah-chim'-me
His or hers.... Pă-che-tah
We (dual)...... Mah'-mōt, nawt
Ours (dual) ... Mah-mot pah-che-che
Who?. . . . . . . . . . Ho-ahm' -ne
My mother...... She-toi' (or She-doi ${ }^{\prime}$ )
Your (singular) mother.. She-to $0^{\circ}$-me
His mother.... Po-ot, sho-doi-dah (57)
My dog......... She-chel'-lah-a
Your (singular) dog. .Mah'-mo't she-chel-lah-me
(53)

Yes. . . . . . . . . . . Him-mo ${ }^{\circ}$
No. . . . . . . . . . . . Noo ${ }^{\prime}$-noo
when............Ko-sook'-mah-che

19. Rom'-che-goo.
VI. Id. fiemon - Che-mahr'; plural che-mai'rahs on (sluur) chemat's


Shy Edmotene : 'Thah-chè-li'istis gdmathui, meh-che-li'tah.
oldman: 'E-choon-lal'lah and 'E-chin-dri'el-lah
Syoungman: 00-wel-lul'-lah
Clieblven: 'Hah'-che- $1 a^{-1}-a ̈ \quad$ IN/hybaly, Hah-lah!li
They mifr: Poon-sah're (or Poun-sahr'-e) iOtmi' wifh, Poon-sah'-re-ah

aunt: Fathu; sutur..
J II Motaus"... mah'li
Niece: Moo'tah-li
Wlorghan, ché-sam-moo-lah)
Relatipn
Im'-me-ko
SVorehead - He-moosh're
-Noze-Haw-hiu
JEar - He-sahm'
lifs. Hoo-poo'trah
1 Ihrat - Hotch-hoil'-yé
socl - He Min'mah HRiles-Hoo-poo chat-hun
Liver-Hoo'she |Ngatestines - Trol'lah-pumi-chäNstomechpouch-Hooitroo-nà'00 Yg grimpte wimats (alone) - E-Koolnik
Ssmall intectia-Hip-hrah (or He-prah'). Urine, Ip'-hre ('Jke .. ". - Yuk.Kush


SEich-kä-wök-ne ithe is rich-Kä-wök-nik Whiedouind-Nah-choo'tah bahn pawnoo

ChemんM $\mid$ K|
'asluh - Po'h-moot (ar Po. Ymmot)
Sislespy - 80'-moo' yen
sralind - Hoo-san'-moo [1fuman]
J I -Hoo $\operatorname{san}^{\prime}-\operatorname{moos}[p l]$
JPain - Me-tsahn'.
DDd-Qh-hah'-min (Heh ü-min ? (He's poor-Haw-choon-chal'-2ě
He's poor-Haw-choon-chal'-2ĕ moxey
Noug - $00-(\bar{a}-\operatorname{tah}$ ( $=$ littl)
WLazy - Koo-chet'

NNomanis rear afron of buduahin - E-cheer'"liWhitimomais dress - E-chin-sho'-lah

W's noflein - of graes on mon - ucually moas. VIISmobe (offir)-Kěh'-tah
'hoccerims - E'-pah' $\|$ BBeads-Hah'hat'-too
SQ dance - Hoo-sam'-koo-ne II STattoo marbs -Hoo-troo'nah
Sava houee - Qh'-wah hoo-sakin' koo-nitll $V$ Fost liridpe or log He-ahm'
Fluataial uned in tattosing madi fus Indian fatat aliced t burnt on hot rock, ohe Emoler condemainp on unde side of uffur roch ratim greany on atiely, velled
Hoo-tsoo-nan'-ne ko-ton
'Woman's lite ciea houre - $a h^{\prime}$ '-wah hoon'-mah-maht (orvah-mal oorlà-tah)
-Rofe snare for beer - Hah-hahk. chah (tur rufa1/2inch diam. of flagi)


SDiffip stide-H00'trà-00 ol $\|^{1}$ choo-nah'-nah = nomu of a mot. flast - notreen.

veggr-an'-no-ki (dugau, An'-no-ka)
'Muessels - Hē'-hāa-yu (or Hē
Suparfinir - Hah-k $\bar{a}^{\prime}-$ nah-ah
Pandurera fins - Hoorsoo' nah ol
Siggor Rinu - Hä-cho'-nah-ah
Yew- Ho-po-wah'-nah $\qquad$
 1 jog euhimi- E. mahm'-nik
Q flawer (singular) - Hat Etrā (plural 'Hat-trā̄-e vg saur you- E. mahm-ne'
'an acom (whal) -choo-poon $\|^{\prime}$ acom meabs- Yú-tre
skrest-kah'-po ||tree-at'-trah ah'-rin) itreus-at-tras'

Bear (singular) - Hoopan-an-ah'-lah |VBeans (flural)-che-gam'-rah(or ches-am'-rah)
Srizsh - Raw'-choo \|'cougar - ehet-as'-moo \|fhbocidrimur-ken-chuk


Dun (buck) - Ah'ah hoo-wä'che ||vEawn - ahlah oo-lä'tah)|
Rimsq.(s.daylaii) - Be-be' wil-tah IIvkaysg. (s.fomen) - ah-kre'-ä-shooi
Sgochrabli't Hem'-mah.ho'lah veround sq. (c.daglain) - Tah'-ă-rah
Ony burrom on hole -How-wem'-mah IIFalcon-Yek'-yek IV Onyl-Ho'-rus
Esyjrayoul-Puk'-kuk \|'aghelocoma - Troo'-ik \|'alumba - Yä-noo'-nă-wah
ddour - Wah-ă-rah. NRobin - dhoo'-sank bil'lik \|V Heron-Ke'-sum
$\checkmark$ Ratelemalu - Kah'-woo. |lFFrg - $a h \cdot k a n$ '-se'-puk
Smsalmon-cone fintiremurp bitthereals - Mas'-soo-mas
'Tarmead (Madia) seed - Ko'-mah

Song: Hah-tat-ne $=1$ fersom kingip $\mid V^{Y}{ }^{\prime}-\operatorname{tah}=a$ song $|\mid$ Yah-tak $=$ lits sing
chem (4)
Steis dancinp-He'sam hoo'-nin V\|llve au saip dance- Wésam hoo'-ne Jcedu fluth - Haws-dol'-le
dehif-E'-chat-hi'too
IIISNar-Hetch-waht IS a Laku-Che'tah,hah

Rinut-irah-ki'-tah Eah-kah. Kot opsisom = doumanul] IISnow-He-poofe
acrass rivin - chem'-min-chan'-ne |Hsluf watu - E-chso hoon'- mit||the-chookon'-inah ushe-che' nik m $\|$ vots othes -at-trä e-tom
Th-olden trina- Te-rum'-tah||NWet-She-che'-e' m. |lN(Noods-ah-tri'tah
Sand'am-mi' yah'kah II'sandy-am-mi' yah-kas ||'small ctone-kah'-ah lá-tah
$N: H o o-n o i^{i}-\operatorname{tah} \|$ I'So. ah-kah-trätah (fintgimas kah-ti!tah + batucoureted)
'E: Wi'-tah IIVW:We-sā-tah II vshootupstan-moo-ne-moon sley-chim'-moo II Sgim aold-a-shōn-too-ne Ilsunshin-El-lo'-nik |Fog:He-ap!tan IErort-Hah-chä'ne INColdmeathu-Q-sho-ne' IV ENdolyest-Esh-sho'-kā-ne Euening-He-mo-o'k-ne |ktonorrour-He-mem'-tah |(2/times-Haw-kum-toon| || 3-times
 Jsmall - Hi'-yěh and oo-la'tah [tum nama] |'Shoot - Hoo-choollah (not round!)
Raund-No-le |NRoundrock-Kah-no'là 'Q point-Shoo-poo-e


 Salone - Po-lah'-lah |Vg'm aloue - Po.lah'lah ||so home - Noo-wah-wum
SBlach-Chel'lá|'geem-Set-tre-e' |'spotul-Let'-rètà 'stripud-Kis-soi'. a mak a histum? Enswling-Ne-ko'-mah |Talling-Ne-ko'-motah Nah-moo-moo'-tah A noist - Kam-moo'tung $\|$ Ja cmell-Im'-me-cheh' ${ }^{\prime} \underline{g}_{0}$ : Yu'-wahk' $\|^{\prime \prime}$ Come agois Noo watk


## L. YAHNAH STOCK

Yahnah

L/11a/BL9
$80 / 18$

2 Yahrian


3. Yahnan

| Our Word | Yah'-nah or $N_{\text {os }}{ }^{\text {c }}$-se |
| :---: | :---: |
| Lesser snowgoose paila | Pai-lall-Tah-ke ${ }^{\prime}$, |
| White-fronted goose W | We-pah-choosh'l |
| Western Canada goase La | Lah'-lahkl? Tal-lap-choo-se |
| Swan We | Ne-pah'-choo-se |
| Great Hue heron Ch | Che'-che If Kah'-to |
| Sand-hill crane Ka | Kah'rol-lahl Kah-rol-nah |
| Mudhen Chor | Choo'-ah |
| Killdeer Kid | Ki-ah-choo-se |
| A bird Ki | Ki-ah'-choo-se |
| An egg | Säkahkhah'rah-hahtch |
| Feather $T$ | Til'-lish\| \& Pool-ne |
| Rattlesnake $P$ | Pah-choor' |
| Wlater smake H | Hah-he-yool' |
| King or Milk smake Hat | Hah-wah'-choos' |
| Gopher or Bull snake M | Me'-kitch |
| Scaly Lizard Ka | Kahl'-chow'-nah |
| Alligator Lizard | mow: |
| Turtle Ta | Tah-low-roolt a-mour. |
| Frog W | Wahr-rahk-ke |
| Toad | Etch'-pül |
| Sala mander |  |
| Fish | Kah-lah' |
| Salmon | Tahsh'\|q Tah'-se |
| Trout | Kah'-lah' |
| Sucker | Chah'-mool'-wel' - lah |
| Clams Alelone |  |
|  |  |
|  | Chik-ki'-e-chowlChow'-nah |
| Grasshopper | Pah-kahn'IPahl'-choo-se |
|  | Tah-poo'-sah-choo-se |
| gon | Tah-poo'-sah-choo-se |
| Mosquito | qPo-pil'-choo-se <br> Po'-por-mah'-kew' |
| Ant | Mut-ke'-yu |
| Yellow Jacket | Koo'ch If Ko.0-nah |
| Flea | Chil'-lo |
| Spider | Pah-mool-lah-lahk' |
| Scorpion | Me-ki' choo-se |
| Redwood |  |
| Ponderosa pine | She-wit'-el Se'-win-ne |
| Sugar pine | Chow'l Chow-welChow'too- tirle |
|  |  |
|  |  |
| Juniper | Mun'-ne-e? |
| Yew | Mun'-ne-o |
| Valley oak $\left\{\begin{array}{l}\text { Bah-chool of } \\ \text { Pah'-choal-e of Bah'-she-e }\end{array}\right.$ |  |
|  |  |
| Blue oak |  |
| Mountain live oak |  |



## M. POMO STOCK

Pomo
$m / 12 a-c c / B L 10$
$80 / 18$
30. NAMES OF OTHER INDIAN TRIBES

Found hin at seb-actaful
[-Ne'shat' chum'-mi]

Badya trile
Petaluma tame osnikuri-ekomLekivan 3 unt-k. Sonoma Póne-min'

Khnumilu trilu [clear Lake]
Lamantahy:
xffer bahe:"
Blue lake " $[=$ Ki-ypuni.bahon $]$
$\qquad$
man sont-pi'ah
stenarts pont at Healdslong (namus frelsu kaht'to wne, sseppriver) (afkacrey Sualala Rimatrila)

Euabala(at Se hactoful)
In Nlei-shä-tami-mi

- Hh.kum-tut'tah

Peten- Loo-mah'-chah

- Sor'soo-ks'-chah
$\qquad$

Kah-bä'-chah
Sah chah. let-ä-mi
Ah. Kop'-shas
Kah'nal [ipls: Sahroá -smextan:

Uniah
Pinole tame
Yu'-jo-tumi-mí $\}$ Ws'shäà tum'mi
Kaht'-ah-we-chum'-mi
We-shä-chumi-mi (We-shat-tum-mi)
$\qquad$
$\qquad$
$\qquad$
$\qquad$
Ash'sho-chum'-mi (miyahkmahtiin)
$\qquad$
$\qquad$

Logot-O.Ko'she a Hat-sah'-ne
Sfiegph- Bots-itsise (mot Bots-e-tse)
S.foscoi- Tob-inust (i.kolherge
S.dopeni - Bot-tsim'itse ('M Pe-wili-ke

Hof - O.tsit'-h i"Hookh'ko
Rots, mert - Me-jukitah ("Yoo-loo'cher
Fefoumin - Lik'-lis. ("simsil'-le


a Bind - Se'tah (1. He-koitah

O. lobata-säpok'-ă-le ("chel-hä'kalle)

Umbullulaio-Ba-kuz'zah ("Ba-hen'kule)
Rhommedin-sa.bots-ă.buk'kile(" "Koo. tah'-kan kalle)

$1+\bar{a}-e e^{\prime}$ 'te

We'shah dhum'.mie 2 Rochfith \&
Riles - mis'-si kidnern - Loo'loo Beood - Bahith Qline - Se'mon Dead - à-chẵ-je traumed - Sin'-nam Lame - Mahi-tron Toothech - ita kulilman Diamhora - Ghpusi-Kon Buegrant - Me'me dean-Lat-sah Hor-tut bity - Lat-sah Rablint hin Unent
Nurleaut wopun-E-Med-dot
 Breh " - Shah-kuta che lem.jous whit II - Kahte che chan- ya
Thatcind hut- Ká-to'-chah
Doormay - He dál mo
Pole - Hahitom
Tule mat-at! too
Smare-min'-nă
stoukenth-ko Gecom dache-Too-mow' chen 2 2tido $\rightarrow$ 2estido tor

ah-chah'-dah
Nilyah. kan
Patanicti-le
Tse-tahn-lin
$\leftarrow$
Lat-kom

Choo'sahk


> Me'-that chuminin 3 ) $\pi /$ mal-hal-le
> stiving fadde - Sit'te
> a evich - E'shost
> Roke. Soolemimat
> Sm muck buen(thind)-chati-mi a feart-0-to'-mah
> Lenchulacemmanal Tön-he
> Copee - Kol'low
> crenator- Moo'koo
> Funial fye - Hi-bahitos
> Fimend - ah chat' -che ho mo
> Trice - chä-nopo
> a hatre--ahkemm'-whe
> bua.. ah.kahiso
> Riner - Be-dupi-te
> sky - an.kot'tron
> mot- Se'tsom
> cloudy-Kah'bah
> Fog - sin' now
> Teday-Tom'chim
> Tomanour-kah ahi-le
> mamif - Mash'kud'din
> Eng. - ash-shian
> suall-Pit-chidldos
> Light (ut)-Kah's shah
> uf struan - Ná-min-ki
> Sown - - Be'-dah
> Ereentrlue-Tsah'ike
> strifed - me-tet'ă-loum
> How- Sit'? ?
> pin otwar Pal:lah


Bal'-hah $a h^{\prime}-h_{i}$

0-cho'mah
chön-he
Koo-toolte

- O-hon-yo
+ ah-hidenulei you
- Koa-toi-te cha-to'-be
- Chemimimi
- Ch'mah shami-man
- me thin'kah
- Be-dah'Vah
- Kahp_pahm
- Ko-mo
$+B e^{\prime}-\alpha e$
+ Kah-hour
+ Ben'ton
T Kah tot -e
+ Kabiahitum
+ D00-el ahitm
- Koo'choo

B6 hez-0

- Nemi-me
- Be-dun-ki
+ Chah-taah
I Mue-tal'-loum
Hem'-mit
Pal.Zomi-an
i Mian - attà chah
- 2 men - cot-ta WK-ko
many men - at.tă. kum laf'ità
a died - Kahime
manychiddren- Kah' wer up-te
qie hot - He' mo tau'-to

```
ank'the boon ye
ahke'ko ahichah-hon ys
Bam'ties,an.chat. Lom yotiaiah
    O日, ton
    O\mp@subsup{a}{}{\prime}-trt. te-\mp@subsup{a}{}{\prime}-choum
    o-hoitah moo'tah-lah
```

25
miscellaneous plants.

| Milkweed, broad leaf (Asclepias) | mah'-shah |
| :---: | :---: |
| Milkweed, narrow leaf (Asclepias) |  |
| Milkweed pod. |  |
| Milkweed silk. . |  |
| Milkweed string |  |
| Indian hemp (Apocynum) |  |
| Indian-hemp string |  |
| Iris |  |
| Bush poppy (Dendramecon) |  |
| Turkey mullein (Croton setigerus) |  |
| Umbrella saxifrage (Peltiphyllum peltatum). |  |
| False hellebore (Veratrum) |  |
| Yellow dyeweed (Datisca glomerata) |  |
| Mentzelia . |  |
| Thistle poppy (Argemone) ... |  |
| Aromatic mint (Monardella).... |  |
| Camas (Camassia).. |  |


Shoterah (or SHAMEN) NUNBRALS
Obtained from Chief San Diego at Stony Ford,
Colusa County, July 1907

It will be noted that some of these differ materially from the numerals obtained at the same rancheria from the former Chief Pum-muk-ky in June 1903. - whe.

## 1 Chah'-ke <br> 2 Ko-o'ki

3 Ḱo-chah'-kah
4 Kal-köt-kah
5 Chow-so-kah
6 Chow-dā̀-kah
7 Choo-mal'-lan
8 Sảt-10w-e
9 Sāt-1or-e-chah
10 Mah'ko-chan
11 Mah'-kots-chah
12 Mah'kots ko'o-ki
15 Mah-kots-chow-sōn
20 Chah-kah'-maht
30 Chah-kah'-maht mah-ko-chan
40 Ko'e-chah kah'-mat
50 Ko'-e-chah kah'mat mah'-kah-tran

## VOCABULARY. -- Pomoan Dialect related to Kulanapo of Clear Lake.

 Erroneously attributed by Taylor to "Indians living near Petaluma.--CHM.Alex. S. Taylor, in his 'Indionology of California', published in the California Farmer, 160-1863, gives the followins vocabulary of the Indians living Near Petaluma, in Marin County (of the Yo-Nios Rancheria), tsken in Cotober 1856."

| Enclish | Indianl |
| :--- | :--- |
| God | Makella |
| Wioked spirit | Masan |
| ran | baya |
| wonan | mata |
| boy | coo |
| girl | matacoo |
| infant, child | comato |
| father | prey |
| mother | che-riy |
| son | mielly |
| dauchter | do |
| brother | entiki |
| sister | do |
| head | esnay |
| hair | aa |
| face | umauy |
| forehead | hula |
| ear | ismay |
| eye | uhey |
| nose | lah |
| mouth | ha |
| ton | bal |


| English | Indian |
| :---: | :---: |
| tooth | oh |
| beard | hasmey |
| neck | weakaba |
| arm | chaha |
| hand | tanna |
| bread of acorn | chene or |
| pipe, tobecco | saha-habey |
| tobacco | sa-ha |
| sky, heaven | kale |
| sun | da |
| moon | da |
| fingers | tanna |
| belly | huha |
| leg | pieya |
| feet | pieya |
| bone | yah |
| grasshopper | chaco |
| vul ture | khey |
| whale | eshim |
| heart | cam |
| blood | balliy |
| town, village | napho |


| chief | chi-yadul | river | pi-dda |
| :---: | :---: | :---: | :---: |
| warrior | tenay-yago | mountain | danno |
| house, hut | samnay | stone, rock | habba |
| kettle | korros | iron | calli |
| arrow | esmey | gold | tallayd |
| bow | hasimity | treo | halla |
| ax. hatchet | hipnit | wood | hay |
| canoe, boat | sshna | grass | taboo |
| day | damala | oak | chemiy |
| light | petarn | pine-tree | naha |
| night | deway | flesh, meat | bischey |
| darkness | deway | wolf | i smaywa |
| morning | mawey | dog | chucha |
| evening | ceal | coyote | kinula |
| wind | ya | squirrel | ikey |
| lightning | itsa | rabbit | makuey |
| thunder | makela | hare | magala |
| rain | chamul | snake | harbolis |
| s?ow | ama | bird | detist |
| fire | scgoklam | egrg | kalistro |
| crow | hhi | duck | ta |
| bear | taka | pigeon | mayu |
| sea-otter | mustalaka | Cal quail, | sav-gac |
| turkey-buzzard | sul | hawk | cheya |
| water | ksa | sea muscles | has |
| ice | ama | river do | has |
| earth,1and | mah | avelones | kow |
| sea | agua | fish | sha |

Taylor 3


Alex. S. Taylor. Indianology of Calif., Calif. Farmer March. $30,1 \begin{aligned} & \text { no. } \\ & \text { N }\end{aligned} \frac{7 .}{}{ }^{7}$

## (all carded)

Kah-nah'-mah or Ki- ${ }^{\prime}-n a m^{\prime}-m a h$.--Mitchópdo name for all tribes south of themselves.

Kainama [ $=$ Ki'e-nam'-mah.]
In 1839 Kostramitanow (of Ft. Ross) called the tribe on Russian River plain [Santa Rosa plain] 'Kainama' [Ki'-e-nam'-mah].

The Bodega Bay Ólament'ko and Tomales Bay Hoo'-koo-e'-ko called the Santa Rosa Pomo Ki'-e-nam'mah [We'-shum-tat-tah Pomo].
N. CHUMASH STOCK

| Ctuz in Santa Barbara County, taken by Rev. Antonio Timeno, on 4th November 1856, from a Christian Indian named Joseph Camuluyazet ased 80 years, who was baptized by the Rev. Padre Antonio Ripoll. in the Mission of Santa Barbara." |  |  |  |
| :---: | :---: | :---: | :---: |
| Enclish | Indian | Enclish | Indian |
| God | Shupe | face | pastaitch pigstshe |
| wicked spirit | l ouelou | forehead |  |
| men | al amuun | ear | pasthoo <br> tisplesoos |
| woman | hemutch | eye |  |
| boy | ulucuchu | nose | ishtono pasaotch |
| girl | lulemesch | mouth |  |
| infant, child | cucho | tongue | isheloue |
| father | ceske | tooth | chasa |
| mother | osloe | beard | chatses |
| husband | pakueneu | neck | paskelick |
| wife | alwitanie | arm | passpoo |
| son | chouwitawn | hand | passpoo (plural) passpoopoo |
| daughter | patchmalaupon |  |  |
| brother | mitchmoss | Indian shoes | ichennoo |
| sister | mitchmite | bread | illocusho |
| an Indian | kayalayeou | pipe, calumet | escal ekel |
| head | pispulaoah | sky, heaven | nowwone |
| hair | toffooll | sun | tannum |

This vocabulary is republished in Stephen Powers, Tribes of Calfornia, Contr. N.Amer. Ethnol. Vol. 3. pp-561-566 1897
Also by M.P.de Lucy-Fossarieu, Les Langues Indiennes de is Clif ornie, 19-55, 1881.

| moon | ouy | darkness | swawitepun |
| :---: | :---: | :---: | :---: |
| fingers | patchwatchecoo 00 | morning | kiscassin |
| nails | jisekwy | evening | alatop |
| body | alapamy (plural) <br> a.lalapamy | spring | stivamaueken |
| belly | patchcueash | winter | swieh |
| log | patch-nimel | wind | gacogkl ou |
| foet | patch-nimel (plural patcniminimel | lightning <br> thunder | scuntou ooughgohone |
| toes | patchyouk-cucucho | rain | siwo-pfao |
| bone | ikikuie | snow | ought of foe |
| grasshopper | panawashoo | hail | the same |
| whale | puclue (plural) aghebuclue | fire | neh |
| heart | scueyash | crow | kuigim |
| blood | aughyoulish | bear | yus |
| town,village | awatchmoo | sea-otter | uckpaush |
| chief | ghotah | water | mihie |
| warrior | atchitchehuch | earth, land | nimisoup |
| friend | ughken (plural) | sea | nutewaugh |
|  | paughaken | river | -01am(plural) |
| house, hut | pawayish |  |  |
| arrow | yhush | lake | skilliteenaue |
| bow | twopau (plurol) | valley | stouahick |
|  | twotwopau | hill | anul oowyah |
| knife | kiewoo | mountain | shilletupun |
| canoe, boat | tomolo | island | skowin |
| star | acklicke | stone, rock | wah |
| day | fannem | tree | pown |
| ligint | listhaw | wood | the same |
| night | aughemy | leaf | hulucappa: |



- Taylor 4 Santa Cruz Id.

| west | paskpielaw | sing | alachuwatch |
| :---: | :---: | :---: | :---: |
| north | mileemon | sleep | nayool |
| soutja | minawan | speak | hiloolou |
| one | ismala | $8 \boldsymbol{8 0}$ | naptil |
| two | ischum | love | ooyonwanish |
| three | maseghe | kill | namalawan |
| four | scumoo | walk | kel oual oual |
| five | sietima | salt | laughpye |
|  | sietischum | mud terrapin or tortoise | tecke |
| seven | sietmasshug | fly | ooloopou-ouk |
| eight | malawah | musketo | leegheghe |
| nine | spah | feather | scappah |
| ten | kascum | wings | swastecks |
| eleven | tellew | bats | assuck |
| twelve | masighepasc | mustard? | staypan? |
| thirteen | is. $12+1$ | acorns | misshe |
| twenty | ischumpasqua | salmon | cowwotch |
| twenty-one | $\text { isas } 20+1$ | name | paththay |
| tsenty-two | isas. $20+$ | affection | shaughteenone |
| thirty | masighepasy | to sit | pisknehigh |
| forty | scoomopasqua | to stand | cahkan |
| fifty | seitischumn | come | nappiet |
| sixty | seitischumn | ear thquake | swellen |
| hundred | cashcumpasqu | eclipse | aniskillywashoon |
| eat | asstah | shark | onyokoo |
| drink | chakmil |  |  |
| run | keewawih | lary] has to | pronounced like |
| dance | namahulan | h, as it has | en so written, and |
| go | alahe | nguage would | mit. |

## Sant a Barbara

Present Spanish Names Former Indian Names

## Distance from the Mission

## Taylor 6 Santa Cruz Id

For the foregoing vocabulary and notes the compiler is indebted to the kindness of the Rt. Rev. Teodoro Amat, Cathol ic Bishop of the Diocese of Monterer.

The Indian, who gave theinformation. did not know the names of elk, wolf, beaver, squirrel, hare, duck, pigeon, tufted quail. nor the term for one thousand.

An American resident of Santa Barbara inf orms me that the Santa Barbara islands were pretty thickly populated in the early part of this century prior to 1816 . They had such bloody wark among themsdres, for the fishing-grounds of each island or each rancheria, that the priests had them all brought over to the mainland and placed in the llissions of Santa Barbara, San Luis Obispo, San Buenaventura, . Santa. Inez and La Purisima; but that very few, if any, are now left in these vicinities."

Alex. S. Paylor, California Itd ianology, Calif. Farmer, Vol. 13. No. 11. May 4. 1860.

| CHUUASHAN VOCABULARY, SANTA INEZ MISSION \& RANCHERIAS <br> Alex. S. Taylor in his 'Indianology of California' published in the California Farmer, 1860-1863, gives the following vocabulary and notes on rancherias of the "Indians livin near Santa Inez Mission in Santa Barbara County, taken by the author, in April 1856. from an Indian Man, 35 years old, born near the Mission." |  |  |  |
| :---: | :---: | :---: | :---: |
| Enclish | Indian | English | Indian |
| spirits | shogpa | hand | poh |
| man | auehk | sky, heaven | alapa |
| woman | eneik | sun | alasha |
| boy | cheche | moon | ah-y-ya |
| girl | chinkeay | fingers | smemey |
| infant, child | cheche | body | es-amuck |
| father | kocce | $10 g$ | ele wae |
| mother | hawhik | feet | sucel |
| brother | kami | grasshopper | tuk ha |
| sister | kitces | vulture | slok ka wa |
| head | snochks | whale | pah-hat |
| hair | okgiwa | heart | iyapis |
| forehead | ekhcey | house, hut | aap |
| ear | stoo | arrow | yarrow |
| eye | tuk | bow | ach |
| nose | nahih | canoe, boat | tamolo |
| mouth | uek | star | ahkewous |
| tongue | alepui | clouds | toohoey |
| tooth | tooth | light | shuksti |
| neck | sshue | darkness | surku |
| $\checkmark$, amm | waechae | wind | sakhuet |

Taylor 2 Santa Inez

| air | alapache | hawk | hellek |
| :---: | :---: | :---: | :---: |
| rain | stowoe | sea-muscles | taw |
| fire | knue | avelones | tahya |
| smoke | tokho | fish | alemu |
| crow | hach | dead, death | shuekshaw |
| bear | huus | cold | sutatah |
| water | oah | very | sheshakwa |
| earth, land | shoup | one | pakas |
| sea | eshamel | two | eshko |
| river | stayheas | three | massec |
| mountain | ocshlolumon | four | scumu |
| bone, rock | hauep | five | ehtepagas |
| maize | noname | six | itishcau |
| tree | stayic | seven | etemassa |
| tule or bull rush | 2 stapan | eight | melawa |
| greas | sweat | nine | spa |
| flesh, meat | sawhnut | ten | cheahwa |
| wolf | muhheyeu | eleven | tayl00 |
| coyote | ashka | twelve | masaescomu |
| ground-squirrel | ehmeu | thirteen | ca-el pakas |
| deer | wuuh | twenty | saw̄-yu |
| antelope | showi | hundred | cheahwaschea |
| bird | wieetse | eat | aushan |
| egg | stumuy | drink | ukumel |
| goose | wawa | mikk | siutek |
| duck | olwashkola | walk | alpahtar |
| easle | unuk | salt | conu |
| Cal. quail | iya ma ma | acorns | ek palish |

Taylor 3 Santa Inez

eyebrows chanakootskosh eyelids vits twyk uncle kanish

## Taylor 4 Santa Inez

were Cayuguis at La Funta Alamo; Mahow at Jose Carillo's Rancho; - Immahal, not far from Mahow; Sapaquonil on Jimeno's Rancho; Casunalmo, at Rafael Gonzalez' rancho; Casnahacmo, at Santa Clara's rancho; Topotopow on Hernando Tico's rancho; Spookow, N of Mission on beach; Tallapoolina, at the rancho Viejo, up the Santa Clara river from the Mission. The Indian informant was about 27 years old, with a black thick beard, iris of the eyes light chocolate-brown, nose small and round, lips not thick, face lons and ansular. The rancheria of the Missi on San Buenaventura wascalled-Eshhulup."

Alex. S. Taylor, Indinnoloy of Colifornia, Calif. Farmer, Vol. 13, No. 11, May 4, 1860.

## O. YUMAN STOCK

- 1

MOHAVE NUMERALS
(Iot by me at Needles, Ealif.com)
1.... Set-tah
2....Hǎ-vé-kah
3. ...Ham-mó-kah
4.....Chin-pă-pah
5......Her-ap'-pah (Thä-rā-pah)
6.....Se-en'tah
7......We-e'-kah
8. . . . Mo-oo'-kah
9..... Pah-i'vah

Some numerale.


Froen
\& Chtreherevl.
Unbero.

Prom Rosnits mejo. C-ppo.1.e. Nheme.
2. Ate



## 8. Aipenowe



Amettoe the thate, owopt thet 4 to med for the corves ots.

Red.frem $\&$ R.kiky
ga_ 16, 1907. com,
$2 \times 2$
3
2

## MOHAV NUMRRALS

The following numerals 1 to 10 and the words for man, woman, and the proper tribal name are given by Mooney (apparently after Corbusier) in his report on 'The Indian Congress at Omaha:'

| Proper tribal name | Hamek-ávi |
| :--- | :--- |
| Man | pipa |
| Woman | thinyak |
| One | séto |
| Two | havika |
| Three | hamóka |
| Four | tehimpápa |
| Five | tharápa |
| Six | si-ínta |
| Seven | víka |
| Eight | moka |
| Nine | páya (hailyuthu) |
| Ten | aráp'havik |

James Mooney, Am. Anthropologist, Vol. 1 (N.S.). p. 148, January 1899.

MOHAVE VOCABULARY

The following Mohave vocabulary by D. H. Smith dated Hardyville, Arizona, Sept. 10,1876 , was sent to A. Pinart, and is No. 34994, Pinart Collection, Bancroft Library.
[ff lo 2 not vocabulary material.]

## Note: Page(s) missing

 from original.

Fumpkin
Ah matta
Corn Pá the cha
Beans
Red Beans
white "
speckeld "
wheat
Barley
potatoes
coarse grass

Red Dock
Kush grass
maréke marêke Tóh maréke auya mesána maréke ah mah ah chá ta qua ra qara Pop
(auke seed for food (auketh
(ah ka ti
ah ká sa
Han a rów

The conjugation of the verb in all the tenses is difficult and in fact cannot be done and give the full expression of in our language, from the fact so much is implied from the circumstance time and occassion.

The Present Past and Future tenses are used
entirely in the division of time

$$
\begin{aligned}
& \text { Present Past Future } \\
& \text { Pétha Acóra Humary }
\end{aligned}
$$

The doer is mentioned first in the active voice, as
I love you
Enyach mauya immohauk
I loved you, Acora mauya immohauk
I shall love you, Humary mauy immohauk
personal pronoun me or I not alway mentioned but nortus
implied as nortey present
the plural of nouns is also formed to a great extent by using the word (many) (ah noke mut) and by duplications

The pronoun ('I) or me is difficult to pronounce in the manner I have spelled but I could find no better word. Still there is a sound wanting that can not be got if pronounced as spelled the blending of the letters (Oz) in the termination is the nearest approach to it that I can think of but I have given it the plain sound so as to not to much confuse. (me) nyach or Euyach)

The pronoun (you) is maúya but is sometime made shorter as maúge
on the possessive tense the last syllable is omitted i for a in the first as (your Horse) minahat $1 b \phi 1 \pm \phi t \varnothing$ The letter a, A, has always the sound of ah as in Spanish,
in many places it would perhaps have been better to have written it ah insted of a but I did not notice it till late.

The word water as I have spelledit aha should have the addition of ah in as the first syllable thus áhha this will give the sound and cannot be mispronounced

Can you tell me where mucke yellack lakien lyack I can shoot geese?

K,
You will find swans but no geese on the river
yeleck cavarick quenyama wethoucn ? I shot two ducks.
How many deers did you kill?

Euyach Anamhaveke hakech Aququa Colya ol tepoim

We did not find any
A wild-cat is near here
It is very wild and nobody dares to attack it.
I will try and have a shot at it

The gun is bad
We missed our shot
You must clean your gun to clean a gun
the barrel of a gun
" but " " "
" muzzle" " "
" trigger" " "
" firelock " "
A Pistol Revolver
A knife
an axe
Earth, land, ground
Sand
clay
Rock
Mountain
River
velley
cliff, craggs
Beach,
Water

Caraick hemuttam
No ma heupau looune
mule thouck orack mocotch tepos eyack
tesouack
Otesa aleké watch
hakech achem
mauya Otesa ahthuleya move
Otesa athuleya
Otesa auyan ka sou
" Eve raca mame?
Otesa lope
Otesa hesal
Otesa hochack
Otesa lope mike a ceutak Aqua ah qua

Tack e at ta
Amat chomelh
Selya
matha
AOl
Aveleya
Aha veleya
Amat vethauya mahakat
ave 11 ma nike

Aha

Water is very low in the river.

The water is overflowing
The water is muddy
How deep is the water
A Sandbar
There is hardly any water
Boat
Steamer
The water is to low for the steamer to come up
A poin't of land
Can I have a boat
You will find a boat at the village.

* a village
sun
Moon
Earth
air
Stars
River
Sea
Sky
Cottonwood Tree
Mesquit long bean tree
" screw bean "
Small Tree

Aha rovack
Aha lome
Aha matha
Aha catho aharack
Selya lofall
Aha auokatt han
qualho
Vapora

Vapora lthe mut
amat mike hesamp
qualho lthono bathou
mockhena avathahau qualho methon?
avathahau
Auyá
Hélya
Amát.
Oya
Ahúniesa
Ahhá velya $\qquad$
Ahhá quaathelya
Homé
aháh Hevesul
Iyá
Iése
Ot'oto (Berry Red)

Mútevélya
Mestaûihó
Nieuatha
Ave qua má
quath e they
Earíe
mut e chata
ahnoke
Hemauk

## June 20th

A Pinart
If I shall love you Thothe Euyach mauy immohauk
If I had loved you
He will love me
They will love me
You will love me
We shall love you

Thotha acora Euyach maup immohauk Covotch numary Euyach immohauk Nauya mumary Euyach immohauk Mauya mumary Euyach immohauk
(2 persons) Hoveke humary mauya immohauk 3 or more (hoveke Pi)

Personal pronouns

I
you
He
She
It
They

Euyach
mauya
Covotch
Thiuyach lovonya
Ethopel
Nauya or Covouya
Strictly speaking there is no Plural in this
language that is by prefixing any letters to the singular

The Plural is defined by speaking definitely of of the numbers or as near approach as possible enumerating \&c \&c

The personal pronoun wee is is litterally both where 2 persons are spoken of but more than 2 the expression (all) is commonly used but of course governed according to the time circumstance and situation parties present \&c \&cc

The personal pronoun He in the third person is Hove Covotch litterally meaning the person here present. But if an absent party or the person spoken of be absent Hewauya or Naucha is the word employed and the variation occours throught the dialect extensively making at once look singular and confusing to any one not familiar.

The verb to Eat is another contract for every different article of food eaten a different word is employed
the body
the head
the hair
forehead
eye
eyebrows
eyelashes
nose
nostrils
mouth
Lip upper
" lower
$?$
the nat
Chok Saw
mock kóra
na pira póla
Etho
Etho Co. O. rá
Ethó Sone ya
Ehó
Ehó Co lope
Eyá
Eya qua ore ah
Eya thock o tha

- Tongue

Teeth
gums
throat
chin
Beard
Ears
Neck
Back of the neck
Shoulder
Shoulder blade
Chest
Breast
" female

## Lungs

Stomach
heart
Ribs
Spine
Loins.
Belly
Bowels
Navel
Haunches
genital parts man
" woman

Ehal ya
Etho
Etho Ca maú
milo ká ha maíya
Eya tak quatha
yeo o má
smilké
nuloká
milo ka co moke
Eoé
So cól
Hemá
Hemanya
Hamá
Chá quath ah áth
Etó
thomad
wau cop a ró
ksetat'
mut e killa
va há
Etóá

Cho ca sá
murthára
Eapán
fore-arm
wrist
right hand
left hand
finger
" thumb
" index
" 3 dfinger
" 4 d
" 5 "
Nails
Horse
mule
Sheep
Mountain Sheep
coyote
Dog
Bear
Wild Cat

Cattle
Rat
Mouse
Snake
rattlesnake
Kingsnake
blacksnake

Hesál ye ná
Hesal ca na oka is
Hesal ca na washa
Hesal a hau
Hesal qua thara
Hesal au a po
Hesal co rata
Hesal co ral ta
Hesal tok co row
Hesal cora a
Hesal tok co para
Hesal lal yo ho
ahátalíara
Smikle qua kúla
Amó nuhát
Avé amí nu hát
Hók thása
Ahát chók ah
Anhát Arhóot
no má ta haú
no máy ta hâu (better)
Iou quiran ke qúira
ah ray
ah ra
Heiquara
Háth a pára
Hau apóké
Áh ra

Coppersnake
Tarantula
Scorpeon
Worm
Snail
Frog
Dear
Antelope
Bird
Duck
goose
Eagle
Crow, raven
quail
partridge
Fish
Salmon
Hunchback
to shoot
a bow
an arrow
a gun
Powder
Lead
shot
I am going to shoot ducks
Are there many ducks here?
qát ue 11 ka
Holtóte
Mauésa
Epick
Tamátha
Hou ya
Aqúa ka
ahnur ${ }^{\prime}$ :
cheáry
Ananír :
yelack
spá
akáka
Ahma
no partridge in the Lictun?
ache
aché héu
aché ra nót
Hakaíu Hakéch (11thers)
oteśa olyaúil
Epá
otesa
Epa poám
Epa cho
Epa to no colk
Anom' 1 hakech eyack
Anomí eothoú ouck

Yes there are a good many on the lake

I do not know
joints of the finger
Elbow
Leg
fore leg
knee
foot, right
" , left
top of the foot
back of the foot
heel
big toe
$2^{\mathrm{d}}$ toe
$3^{d}$
$4^{d}$
$5^{\text {th }}$
muscle
Blood
He has black hair
my head is aching
I have hurt my foot
He broke his leg
Death
He is dead
My friend is 111
He is very 111
Paint

Hauyothe evethéke aplke
Euyeách Suma théke

- Hesal au wa pó

Hesal ak a tie po Emá, or Emay
Emá thele ya
Emá poke ah
Emá hau
Ema qua thara
Emá mack
Emá mack tahui
Emá toke cathá
Emá cora tha?
Emá coral ta ra a Emá tok bo rou Emá 10 ra a Emá tok co para Sal 1 ná anhataím mok corá whau ille ou yá choфksa raráck ou Emá he rarack Emá hol yóke mut Epoiek ${ }^{\text {en }}$ mut Epoick
Mutua wa an noke Epoi ${ }^{c} \neq k$ evethéke ah quara

The sun is rising
The sun is setting
The sky is very bright
The stars are shining
Half moon
full-moon
first quarter of the moon
last quarter
new-moon
Eclipse of the sun
" of the moon
the night
the day, daylight
the night is very dark, the moon is not out.

Rain
Hail
thunderstorm
wind
It is windy
There will be wind to-night
The wind is very strong
north wind, north
south ", south
east ", East
west " , west
auya páck
aúya haui
Homick Hevesúl
Amuosa tepálr
Helyá 0lyóvek
Helya Chopákl
Helya tepaek
Helya Epoick obthekíl
Helya hepam
Auya Epólck
Helya Epóck
Tunyóm
auyime vetham
Tunyóm taháu
Helya lavarick
leovón
Oporik
Ocatha
mutahilk
mutaholk ovoralk
Temyóm mutahicx alyote
metahick tahun
(mutack) mutahick mutack
mudtadk leovack
Auyack
Auyoharol

The north wind is very cold
The wind blows through the mountains
It rains very strong, it pours
Ice, Snow
How long is it since we had any rain
I hope that it will rain
It is very dry
The wind blows away the sand
It is dusty
The mountains are covered with snow
to-day
yesterday
to-morrow
to-day the weather is fine
Yesterday the weather was fine
to-morrow the weather will be fine

Long ago
A short time ago
a house
door
window
roof
wall
mutahick mutack elhehe
mutahick avele elheke ethu
lovow taham
Hauyopack, Opacka
louyathúme akóra lovow
lovow ararke
Heróva taháu
mutahick amapote
Amapote ethue
Avele Opack aurat chocola
Peth, auyíme
Tonime
ya mathamil
Pith auyime ahote
Tonime akora ahóte
ya matham: ahote alyale
akora tahau tahau
akoŕa Péth
avá generally all words ending in a have the sound of (ah)
sopate
Hel 1 yule yá
Ava chohíck
ara mót

Chair
Table
fireplace
Have you an house?
Yes, a small house
They have no windows or door to their house
Water is coming through the roof
The walls of this house are built of adobe
Can we light a fire here?
Where can we get wood
There is plenty of it here
bring some
Iight the fire
Fut a candle on the table Candle

Lamp
Light the candle
011
There is no oil in the lamp
Bring some oil
Bottle
Jar
Cup
I want to get a jar to put water in

Who makes such a jar?

Hemick
How wal ya ráck
ah ów chevon
Minya Avathú lattrou
Á ava eshow?
sopate lavarick
ava kasalk
avá tha amátácho
hava ahoma toquatom?
de mucké ke thoú
Nava otick evothóte keyáck
ahoma toqualtom we Ahunisiule ka cheum

Ahunisiule
auaukron sihúle
Ahumasihúle telpéke
Hesick (common name of of or grease) Ahmuasiules auaúkasón nonpicke
keyack
Haparúa milokú
Haparua hó
Quattrke
Haparua aha yelpo
mocotch he cho onick

A water jar
You broke my bottle
Glass (to drink from)
Glass (a pane of)
This bottle is made of glass
It is very brittle
This glass is too small for me

This jar is big
It will be a small jar
Where can I buy such a jar?
At the store
Give me a cup of tea tea
coffee
Sugar
Salt
Flour
Bread
hard bread
This bread is too hard
This bread is hard
This bread is not hard

## Sweet

I like sweet things Bitter
aha 1 Hoparua
Mauya mizape haparua tehoúck Ahha Solrick
Helmyúileya
auaukron
Hoparna vethauya " Cho
Teaspéara mut
Hoparua vethaúya ïshous Haparua noltíck Háparua quchó
nauya mucke torum
Sahát aratha
Iukepe ethe tea
taortea
kathway
muthú $\ddagger$ ya
athe
marnára
mothéleia
motheleia heróva motheleia Tespearick ah lap mothelima Tespearick mothelia thamk muthúlye maue-ya awek Ouyiu arack immokúuk Ella quaćk

The mezquite bean is bitter when green, they dry it in
the ground, afterwards the Indians make bread of it and it is very sweet.

Isé nevesue ahick Ellg quáck ethu amat tomara, asto herooa muthulya alopum mothelia.
To make bread we use flour
Ind. Corn
Potatoes
Turnips
Cabbage
A garden
What do you raise in your garden?
melon
Watermelon
pumpkin
squash
mezquito
screw bean
willow
Buckeye bush

mothelia mariára cho
Tathecha muthulya
pap
Same as English or by description amot $k$ cherón

Cach mechoin muiyoamat
comíto
Comito thokthára
" to kau
ah mátta
ah mat a hau
Isese screw bean
Iyá Luny bean
Ethó
Etho
bushes
Mezquite grows in the valley Isesé amat che méch hepou
Watermelons are very good eating

Comito thak thara
maueya avack
My garden is surrounded by a fence
a fence
grass
Little grass grows here
High

Low
This tree is high a Tree
That tree is low
This is a high range of mountains

I go up
I go down
Where do you start?
Where do you go?
Do you travel on horseback?
No I walk
How far are you going
Four days walk over the mountains

Is it rough traveling? $\qquad$
a trail
The road is rough
Is it a good road?
I have not been over it
When shall we arrive at the river

At sundown
Can you show me the road to the mountain

It is time to stop
We will stay here for the night
I am going to sleep
I slept well last night
You

Smoche chempóp to vam avouya Cathota

## mahackal

teticuyra ahah nome
ahah
aháh lovoúya manáck
aveloya Hóme toreine?
mike em
chaunálya em
mauya Couya thúma lus
muke tém
ahottel toilus mema lavarilk chavack luu muke vám tuck aváck
avouyá helmaulcrte
avouya latho ahote
Euyach loch Immot
Ceruya thum tahavele vam
auya nam
auya Mecóm am avele
coua kevím kimch Novack ovack tenyim
Elmím thawúck
Tenyím Osmim ahóte

You sleep soundly
I cannot wake you up
Wake up!
I woke up early
get up
I will get up directly
Bed
Blanket
Shirt
Pants
Boots
Beads
Shells
Collar of beads
I want to buy a red shirt
We have no red shirt
I can sell you a flannel shirt
A. white shirt

A hat
A military coat
Buttons
White
Black
Red
Blue
Green

Esmum Sum alyutte
Hemau mut
Hemaú pa ká
ya mathén ta Hemaú
Aora memán ya
Encoram Hemau
Opavack
Hev́elyé
Mattatoheahuva
Mem'tokeahéva
Hamaría
Sucóll
Houya
Sucól Houóne
Mattatone heva auyát toravach Mat'tatóheahéva lauauch
Mattatohehéva arathowa maur
" auya mesava
Mockapóora
Muyora Sona
Heracha
Mesévá
Wháu é éle
d Auhot
Hevesúe
Heveesúe tahan 'u?

## Yellow

The sky is blue
Take a seat
Sit down near the fire
I can only stay a short time
Where do you go to?
To my father's house
Is your mother at home
I belleve so
When did you see your younger brother last?

A few weeks ago
Where do you live?
At the Indian camp, down the river, in the valley
Is it far?
Two hours walk
I will go there this evening
I have been there yesterday
Morning
At noon
Evening
far
near
Which is the nearest place where I can find water.

I am thirsty
What will you have to drink

Oyoroth am
Honick hevesue evettou
Keuúck
Ahowna máke heúuck
Eucórum teniem
Muckié tenu?
Innacóota avátha
Iuti chevevack
Aye alate
couyathiner suche me yoú
Acorá El Domingo (taken from Spanish)
Muckike iuya uáya
Inockheva avathu laváll ahthoníke

## Ameche

no houre in Mohave
auýa tonime em
tom nath eooum
Auyá Jáck
Auya torem
Auya tonime
améch ahaú
Heupauck
Ahá llucke voum henpau
Mutám epoíck
Coch methime

Lome water
I am hungry
I want to eat some bread
" " " " some meat
" " " " melon
I have eaten enough
I have eaten too-much
How many times do you eat?
We eat three times a day
I generaily eat early
You eat late
A pipe
Tobacco
I want to smoke
Matches
I have smoked enough
Do you smoke
Sometimes
The fire is smoking
My pipe is out
The fire is out
Inscription on the rocks bird's feathers
" wings
" beak
" claws
" tail

Ahá
Euyeach muchicke wirim
Mothelea n?
Mothelea haim arack kequira Ethoick
Cométo Che-cowam Ham mam átoke

Hammam lto rarack Hammám kolyáve Auýlme hammám hámck Hammám muthaía ta Hammam a meche malho
vori
hova athepecahrack
Ahowa Souhouck
cora methóse
Mayá athépa
Imenta athepe
ahowa auhack
Malnd Cheth pam
Cheth pam
Ave Pa 'quonumu
Seveléya
Eveléya
Ehoó
Hesol golyahó
Eaŕra
paper
ashes
Take the ashes out of the hearth

Ready
Are you readyto leave
I am ready
good-day
good-bye
Wait a little while for me
I am not ready
to wait
I expect my friend to-morrow
I have been expecting you
What do you see
I do not see you
I have lost my knife
to loose
I have found it
I have not found it
Look for it
to look for
to weep
to sweep
broom
to ask for
basket

Capál
Chéth
Cheth osto num
Cora Cora
Mauya Cora mema
A lun ro rack
no equivalent
" "
Ma Sothou én ahick Sothou ${ }^{\text {lu? }}$ yá matheún Iuana hevam
Wauya hieham alyoté Cach mé uke

Mauya lyou mut
Aqua Samáke Samake Ethow $r$
Coch ethow mut
Kél quáck
Elquáck
Hémém
ava málya
málya
Iuyiekum
Copo

Indian basket
empty your basket
the bottle is empty
empty
wide
short
long
narrow
great
small
noise
make a noise
smell
it smells good
it does not smell good
good
bad
Where are you running
Stop
I want to speak to you
What do you wish to say
I want to ask you if you know the way to the Indian village
war
to be at war
The Mohaje have been at war with the Maricopas.

Copo
Copo ech asto kechow
Haparua che cope
Cope
Akulemech
tauau?
Akuléya
topáte
voltick
Esto ow?
nowo
nou chou 'w?
kauhevék
Uheveck mauyake
Húlyuack
Aho'te ahotke (either)
alike
muké hevashe
縣 Kevouru
Euyach mauydeme
Coch me eme
Molkheve aralya avonya mosóponí
mut auhike
mut auhike ovonike
Mockheve apauyá auhay eyaváck

They killed a good many
Indians , Atiek mut tepoick
They destroyed the rancherias Avá chuám uuáme
Dance Aché mack
War dance
Burning of the dead
Scalp
song
Sing us a war song
Drum
Good Spirit, God
Bad Spirit
A. Ghost

Are you afraid of the ghosts
We saw a ghost last night
one
Two
Three
Four
Five
Six
Seven
Eight
Nine
Ten
Twenty
Hundred (?)
a good deal

Eqack a thál ack ache mack
Epoick Doneyákl
E.A pronounce the two letters $e$ and a Ese narick
" ahwhike
tal talck
mut Eveleyá
Nustothoun ${ }^{\text {omi. }}$
Nevethe Nevethé
Maiyá nevethe mistake
Aooek Tenyem nevethe eyucke
Sató
Hoveké
Hamók
Chempóp
Tharáp
Nukí aseutak
" Troveke
". hamik
Helyothuke
Haraphoveke
Harap hoveke tueka thucha haveke
" " Tuck athucha h
anoke muttom

How do you count
Can you tell me how many Indians there is in the village
only a few
They are scattered in the valley

Hot
warm
Cold
It is very hot
It is cold
Yesterday was very cold
lathome acháck
macolryave mockhove ochéhe

Esnoke atum
mocouya lur
Epilk tahana
Epilk
Achurm
Epilk tahan lothou
Achurm lothou
Peth toul ethu achurm

## P. WASHOO STOCK

$$
\text { eo } 10
$$

| 2.. Washuan |  |
| :---: | :---: |
| Qur Word | Wah-shoo EW |
| Cooper Hawk |  |
| Sparrow Hawk | $\left\{\begin{array}{l}\text { Da-troo-troo-d } \\ \text { Dat-too-too-de }\end{array}\right.$ |
| California Condor |  |
| Turkey Buzzard |  |
| Great herned Owl | De-moom |
| screech Owl | Toot'r\| Kow-luk |
| Burrowing Owl | Koo-kool Sah'tah-Vah |
| Raven | Gah-ge |
| Crow | $A h^{\prime}-a h^{\prime}$ |
| Magpie <br> Crested Jay <br> Calitarnia Jay | Tah-taht ITrah-traht Mä-dook-tsi-si |
|  | IMat-tup-tsi-tsi |
|  | Taw'-500-ho |
| Blue Grouse | Tsoo-poom' |
| Mountain Quail | Mahd-ah-mah-te |
| Valley Quail | Tăàtl\| Tă-ă'tl |
| Band-tail Pigeon |  |
| Dove <br> Road Runner | Ung'-ä-hah' |
|  | ah. doom-tal' de |
| Kingfisher | \{Tah-toom-Val'-dy |
| Night Hawk | $M i^{-1} \mathrm{l} g$ - ah -di'-ah' |
| Poorwill |  |
| Pileated Woodpecker |  |
| Flicket | De'tsam l De'-'tsam-ho |
| California Woodpecker |  |
| Hairy Woodpecker Brewer Blacklird |  |
|  | Saut-ke' |
| Meadowlark | Se-soo-te'-al-le |
| Oriule |  |
| Shrike | \{Se-Soo-dam-ă-too-a |
| Kinglird | Se-soo-dă-sah-sã-me Pat-dom'. -se-1uk |
| Barnswallow |  |
| Bluelird | Too'lak-ky |
| Black-headed Grostreak Purple Finch | Se-soo dahl-sats-im |
|  |  |
| Yellowtird | Se-soo dal-sats-e |
| White-crown Spartew Junco |  |
|  | Shoo"-wash |
| Towhee | Boo-e-sis-sy |
| Brown Towhee |  |
| Rotin | Se-daw'-dă-koo |
| Thrasher |  |
| Wren |  |
| Gull | Mem-le-os |
| Cormorant |  |
| White Pelican | Sets'-ah-Kool Kap-kap? |
| Merganser |  |
| MallardShoveler |  |
|  | \{Taw:-mat |
| Pintail |  |
| Teal, green - wing |  |
|  |  |

1. Washuan , Washo

| Our Word | Wah-shoo |
| :---: | :---: |
| Grizzly Bear | Tah-tah |
| Black Bear | Moo'dah |
| Raccoon | Dim-maut hol-lah |
| Mountain Lion |  |
| Bor-cat | Toom-shä'gl |
| Gray Fox |  |
| Coyote |  |
| Big Wolf | Too'-le'-zy Too-le-she |
| Otter | S $\bar{a}-w \bar{a}^{\prime}-w a h \mid s a ̆-w a ̆-w a h ~$ |
| Big skunk | Too-pe'-pe-we |
| Little spotted skunk | Pat-soo-mel-le yah-koo |
| Badger | Hol-lah |
| Fisher |  |
| Mink | Tah'ng-ish |
| Weasel | Pă-wă-Sal-le |
| Ring-tail civet Mole |  |
| Bat |  |
| ELk |  |
| Deer, H-lacktail |  |
| Antelope | I-yus |
| Bighorn | $0^{\prime}-\mathrm{gal} \mid 0=\mathrm{gal}$ |
| Porcupine $=$ | Sä'-wut |
| Beaver |  |
| Gray ground squirrel | Pah-sut |
| Gray tree squirrel | Pow-ow'-le |
| Pine squirrel | E-tah / Pe'-we |
| Chipmunk | 00'-t soo-lel Yow-de'h-ish? |
| Flying Squirrel Aplodontia |  |
| Pocket Gopher | Tal-lem |
| Kangaroo Rat | Too'-pe |
| White-footed Mouse | Poo-sahi-lah sem-mă |
| Meadow or Water Mause | Poo-sahl-lah |
| Woodrat (roundtail) | Paw-lol Pa-lá |
| Brush Rabhit |  |
| Cottontail Rablit Unitetail Jackratht Blacktail Jackrallit | 'Tsol-lik \|'Tsol'-le $-\frac{\text { Mon' }}{-\frac{k e}{}} \text { Pei-lew }$ |
| Dog | 'Tsoo-koo' ${ }^{\text {S }}$ So-koo |
| Tail | Tah'pul |
| Horns | Dam-mas-soo |
| Hide | Mo-dal-a-ish |
| Dung | Me-ko |
| Animal's Burrow | Tow-oo-ko-shi-ah-she |
| Goiden Eagle Bald Eagle | Pot-al'-ne Pah-trahi-lung-e Gă'-wet-ah-mah'-hah |
| Red-tailed Hawk | Mah-welDat-too-troo-de |
| Duck Hawk | Pah-tral'ng-e |
| Fishhawk | Dat'-um Vald'-de |

4. Washuan

Our Word
Wislizeni oak
Tan-bark
Maple
Cottonwood
Madrone
California laurel
Buckeye
Tree alder

## Tree ash

Willew
Mt. mahogany
Redtud
Elder.
Manzanita
Wildplum
Chokecherry
Blacklerry
Service berry Coffeelrerry or Calif. cascara
Kosoterry; Toyon Hazel
Yerba Santa
Aromatic sumac
Poison oak
Snowberry
Chemise
Mistletoe
Sage heri-
Sage heri
Milkweed, bread leaf
Milkweed, narrow leaf
Indian hemp
Sca.proot
Brakefern
Maiden hair
Tulare root
Big round tule
Flat tule or cat-tail
Grass (any)
Wildgrape vine
Flower
Leaf
Root
Acorn
Brush or chaparral
A tree
Bark oftree
Bark
Pine cone

Wah-shoo
$\left\{\begin{array}{l}\text { Tow'-e-|ah'-|a|-|y } \\ \text { Tah-sah }-5 a h^{\prime}\end{array}\right.$

## Our Word

Wah-shoo
Lesser snowgoose White-fronted goose Western Canada goose


## Sand-hill crane

Mudhen
Killdeer
A bird
An egg
Feather

## Rattlesmake

Water snake
King or Milk snake
Gopher or Bull snake
Scaly Lizard
Alligator Lizard
Turtle
Frog
Toad
Salamander
Fish
Salmon
Trout
Sucker

## Clams

Abelone
Grasshopper
Butterfly
Dragon Fly
Mosquito
Fly
Ant
Yellow Jacket
Flea
Spider
Scorpion
Red wood
Ponderosa pine
Sugar pine.
Digger pine
Douglas fir or spruce
Juniper
Yew
Valley oak
Black oak
Blue oak
Mountain live oak
2. Washuan

| Our Word | Wahshoo MC |
| :---: | :---: |
| Breasts | Tah'-lah I Dah-lah/Tehl能' |
| Leg | tah-hul |
| Knee | Mókol Maw-kă |
| Foot | Mi-yup |
| Nails | Too-lip'pel Too-le-pe |
| Skin | Te-tsoi-ō's \| Dit-soi-o's |
| Hair | \{Pi-yoos |
| Bone | Te'be |
| Ribs | De-mă-mă-ŏ |
| Shinbone |  |
| Tendon |  |
| Teeth | \{De-yek $\mid$ De-yuk |
| Brain | Tso-pal |
| Heart | \{Kam.la. ${ }^{\top}$ Kam-la-yahidamela |
| Liver | Te-Lek |
| Intestines | Li'ah |
| Blood | Tah.sung |
| Fat | Te.tum |
| Excrement | Me-koo'l Me-ko |
| Umbilical cord |  |
| Sick | Yah-hi-e I Yah-hi-yah |
| Dead | Yu-le-ahl Yu-le |
| Adead person | U-le.e |
| Funeral |  |
| Spirit or Ghost | Dek-meg-ge-as |
| Doctor | Tam-móm-le |
| Chief | Tä-00-pā-yu $T$ Tah'ow pä-yu |
| Rattle |  |
| Drum |  |
| Bone whistle |  |
| Elder clappersticks |  |
| Adream |  |
| Adance | Law-shă / Law'sh |
| Asong | Tish'-um |
| The handgame | $\{$ It-pa-ho-wa |
| Rablitskin Glanket | Pel-lo-wish.t-pe |
| Buckskin | Mam-dX-wish |
| Belt | Mal-loo |
| Breechcloth | We-gis |
| Apron |  |
| Wampum | Yu-S00 |
| Red paint | Sah-was-sahng |
| Black paint | Tah-le-ah.wah |
| White paint | Tal.pö.pä |
| Tattoo marks |  |
| House | $\left\{\begin{array}{l} \text { my house } \\ \text { ang.al } \end{array}\right.$ |
| Roundhouse |  |
| Doorway | Lom-bā-sook |
| Bed | Tah'-dah |
| Fireplace | De'yu-yah |
| Fire | Te'-yu |
| Coals | Tsă-hit |

1. Washuan



## Q. ESSELEN STOCK

Q/16a/BL/ 14

$$
\left.\begin{array}{r}
1 \\
\frac{a}{a} \\
\vdots \\
\vdots \\
\vdots
\end{array}\right]
$$

eo/is
$\stackrel{c}{6}$

RANOHERIAS SAN ANTONIO MISSION, OBTAINED BY H. W. HENSHAW AT JOLON NEAR SAN ANTONIO MISSION, Sept. 28, 1884.
$\downarrow$ From Henshan's MS Vocabulary No. 843 (p, 184 Bureau Ethnol ogy, obtained from Elario, a full-blooded San Antonio Indian. by means of a Spanish interpreter, Mr. Forbes.

1. Sk $\hat{a}-t \hat{i}-t \hat{a}-g e$ was the name of a village of the San Antonio Indians $1-1 / 2$ miles from the Mission of the same name.
2. Tŏs-so-spö́k a village 4 miles NW of Mission.
3. Kó-ic (means flag or bull rush)

These three villages appear to have constituted the tribe.

A tribe called Le-mă-tám was located about 20 miles to the W of the Mission, but I could not determine from Elario's account whether this was related to the San Antonio Indians proper or not; probably it was. Elario could give me no name for the tribe as such.

Lém-mi-kg-1 ${ }^{\prime} t$ was the name of the Coast Indians about 25 miles from the Mission.

Santa Lucia Mt. the highest mountain about the San Antonio Mission is called Pinm-ko-1am.
The town or town site of Jolon is called Scaú-tĕm-mak.
Ho-1ûm-ná is the neithborhood about Jolon. It means the place where a channel is cut by water or a 'leak'. Thus, Ho-lum-nȫpail, ie the pail is leaking. Apparently the name is given in allusion to the cañon through which the creek passes. So at least it appeared from the not very lucid explanation of the Indian.


## BSSBLEN

Esselen vocabulary given C. Hart Marriam by the Keh-koon women at Monterey in July 1906.
 Crazy man or idiot................. Toó-mash
Talkative person.....................efeféch is

You will come back again......... E-kah-mak'-ke hoó-lin
Yes . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Ik'ke-ye
I'm going. . . . . . . . . . . . . . . . . . . . . El-1eptpo mak'ike
 Boiling llater....................... $\begin{aligned} & \text { ool popool eh-sahn'-nahk } \\ & \text { applied to hot things also) }\end{aligned}$

As'se-len (rancheria and people) at Hash-show-wen -a side valley (apparently) SI of Monterey over the hills (and near Salinas Valley ?) this side of Tassejara.
Es'se-Ien lived farther away from Carmel and Monterey then did the Room-se-on.
Ts'se-len very different tribe from In'sen of Selinas.
The Es'se-len wore aprons of tule and vere neat.


From Arroyo de 1a Cuesta, Idiomas Californias, MS, 1821 IDIOMA ESSELEN
"Vocabulary that I took at Soledad, May 18,1833, in the Essel eneijan language (or Esselen as it is called by the gente de razon) which was given me by a neophyte called Lutasis Eusebio, from the rancheria Enhuakilka on Arroyo Seco.

Pec 1, Julan 2, Julep 3, Amang 4, Pemajapa 5, Pelmalanai 6.
Julaghualanai 7, Jul ephualanai 8, Jamughualanai 9, Tónola 10.
Peckelenai 11. Julagkelenai 12, y asi repitiendo hasta tantos
manos. Cosa rara!
[and so repeating up to so many hands. An unusual method:]
A este modo contaban los Huachirrones, y Huiñirren de la de San Juan Bautista por los dedos de una mano, y hasta 102 cincos; 204 cincos, ó 4 manos.

| [Indian] | [Spanish] | [Inglish] |
| :---: | :---: | :---: |
| Ejenuths | Hambre | Man |
| Maths <br> Ta <br> Nista | Padre mio <br> Muger <br> Mi muger ó esposa | My father Woman <br> My woman or wife |
| Panajueg | Niño | Little boy |
| Ne amlala | Voy a comer | I amg going to eat |
| Haya | Padre | Father |
| Ne sia hualala | Voy a llorar | I am going to wrep |
| Motg | Abuelo | Grandfather |
| Hachilis mu | Pegale | Funish him |
| Aneg | Fuego | Fire |
| Na me | Canta ta | Sing |
| Ii | Leña | Wood, fire-hood |
| Polómo | Monte | Mountain |

--Esselen-

[Indisn]
Pojuisma shiefenu
(posposicion)

Amomuths
Alepus
Kéle
Haca
Uloje
Menjel
Masianeg
Huojehahui
Ca
Jissi
Caturneg
Ausai
Jujuhuai
Kiakit na mismap?
Alpa nanme
Asun
Cughun
Aspasianas
[Spanish]
Dame, ó pegame con la piedra

Se acabó
Ya está no mas
Pies
Pelo
URias
Cuerpo
Corazon
Pulga
Ojos
Cabeza
Boca
Arriba
Abajo
Como te Llamas?
Habla tn
Rio
Arroyo
Arroyo Seco
[English]
Give me, or punish me with the stone

It is finishod
Enough! Nomore

## Feet

## Hair

Nails of fingers or toes
Body
Heart
Flea
Fyes
Head
Mouth
Above, over, up
Under
What is your name?
Speak
River

## Dry arroyo

Idioma, Habla, ó Lengua Huolel de la Soledad; esto es de los Bsselenes que ha no hay muchos. Infiorese de todo esto que esta Lengua es pospositiva, y gutural, mil clara y facil de los Indios bauts ya en là Soledad, ya en San Antonio, y en la de San Carlos. No se conoce por esto poco escrito que letras le faltan. Es regular sean algunas.
[The languageif speech, or tongue of the Huelel of the Soledad (Mission) is of the Esselens, of whom already there are not many left. It might be inferred from all this that the langugge is
 I do not know in this little writing if letters may be lacking. Probably there may be some.
(The ebore is oll of the vocabulary)

## Vocabulary of Tribe called Eslen (1792)



This vocabulary was taken from the journal of the Voyage of the Spanish vessels' Sutil' and 'Mexicana. Reprintes ly allutt salletin. 1792 ( Publeitel madili 1882 ).
Ga.llatin in Trans. Non.. Eth. Soc.IT p127, 1848.

Esselen
Narrington : 19\%1 in coble.
"Nos a coostal lut an mand froply intrabitip

 Bur am Eth for 1930 -31. (Putid 1933.)

## RSSRLEN LANGUAGR

The Archives of the Mission of Santa Barbara, written in 1811 or 1812 , in speaking of the languages spoken at the Mission of San Carlos state that "two languages entirely different from one another" were spoken at this Mission; "one the Rumsen, the other the Brcelen. For instance in Rumsen; Maxine muquisint jurriquimo igest ofh laguan eje uti maigon: in Fxcelen: Fgenooh lalucuimxá talogpami ega salegua lottos taheypami laxlachis. These two examples are translated: Los hombres que tiran bien la flecha, son estimados y bien queridos. (Men who shoot the arrow well are esteemed and well loved)."

Archives of Mission of Santa Barbara. Manuscript Extracts in Bancroft Library Vol. 7, p. 124, 1876.

The Archives of the Mission of Santa Barbara, written in 1811 or 1812, in speaking of the languages spoken at the Hission of San Carlos state that "two longuages entirely different from one another" were spoken at this Mission; "one the Buman, the other the Breoter. For instence in Rumsen: Maxina raginint iurciguing igeat orh laguan aje uti maigon: in Freolon: Renooh ighnenirrf talognami agn anlegna letter tahaypani laxlachis. These two examples are translated: los hombres que tiren bion la flecha, son estimados bien queridos. (len who shoot the arrow woll are esteemed and well loved)."

Archives of Mission of Santa Barbara. Yanuseript Extracts in Bencroft Library Vol. 7. p. 124. 1876.

## ESSKLEN

- Esselen vocabulary given C. Hart Merriam by the Kah-koon woman at Monterey in July 1906.

Water • . . . . . A-sań-nah, Ah-sahń-nahk
Crazy man or idiot . Toó-mash
Talkative person . . Ef-fách-is
Smart man . . . . . El-paṕ-pis
You will come back again. . A-kah-mak-ke hoó-lin
Yes . . . . . . . Ikk-ke-ye
I'm going . . . . EI-loṕ-po maḱ-ke
Scratching . . . . Hash-show-win (also name of place)
Boiling water . . . Pool-pool ah-sahñ-nahk (applied to

Eé-se-1en (rancheria and people) at Hash-shoẃ-wen -a side valley (apparently) SE of Monterey over the hills (and near Salinas Valley ?) this side of Tassejara.
Eś-se-1en lived farther away from Carmel and Monterey than did the Room-se-en.
Eś-se-len very different tribe from Eńsen of Salinas.
The Esise-sen wore aprons of tule and were neat.


## ECCLEMMACHS

Vocabulary given by La Perouse, who says the observations were made in 1786 by M. Lamanon. La Perouse says the country of the Ecclemachs extends above 20 leagues to the eastward of Monterey. He also calls attention to the use of the letter $\mathbb{F}$.

One $\quad \stackrel{230}{ }$ pek
Two . . . oulach
Three . . oullep
Four . . amnahon
Five . . .pemaca
Six . . . pekoulana
Seven . . houlakoolano
Eight . . koulefala
Nine . . kamakbualane
Ten . . . tomöila

```
Friend p. nigefech
Bow . . . pagounach
Beard . . iscotre
                            p. }23
To dance .mefpa
Teeth . . aour
Phoca . . opopabos
No . . . .maal
Yes . . . ike
Father . .aoi
Mother - atzia
Star . . aimoulas
Night . . toumanes
```

La Perouse, Voyage round the World, I,229-231, London, 1798.


La Perouse, Voyage, Paris, 1797 (Vol. $11,289-292$ ) English tränslation, London, 1798 (Vol.II,245-246).

INDIAH VOCABULARIES COLLECTED BY C.HART MERRIAMI.

Nane of tribe $\qquad$ Eslen Home of tribe
Vocabulary obtained pron Voyages Sutily hexicana (fuhbichl $\left.\frac{(1802}{78.172-173}\right)$
At (place) $\qquad$ Date 1792
(Cohid frow sripisal in lihary of F.W. Itodf1, funs $3_{1}, 1906$ coom)
1 Pek 23 $\qquad$
2 U-Ihaj
2.4

3 Julep
25 $\qquad$
${ }_{4}$ Jamajus
26 $\qquad$
Pe-majalá
27 $\qquad$
6 Pegualanai
23 $\qquad$
7 Jula-jualanai
29 $\qquad$
${ }^{8}$ Julep-jualanai
30 $\qquad$

- Jamajus-jualanai

35 $\qquad$
10 Tomoila Ghe cam 40 $\qquad$
11 $\qquad$ 45 $\qquad$
12 $\qquad$ 50 $\qquad$
13 $\qquad$ 55 $\qquad$
14 $\qquad$ 60 $\qquad$
15 $\qquad$ 65 $\qquad$
10 $\qquad$ 70 $\qquad$
17 $\qquad$ 75 $\qquad$
18 $\qquad$ 80 $\qquad$
19 $\qquad$ 85 $\qquad$
20 $\qquad$ 90 $\qquad$
21 $\qquad$ 95 $\qquad$
22 $\qquad$ 100

NUMERALS OF THE ACHASTLIENS AND ECCIJFMACHS OBTAINED AT MONTEREY, CALIFORIIIA, IN SEPTRMBER 1786 BY

La Perouse.

| Achastliens |  |
| :--- | :--- |
| 1 Moukala | Ecclemachs |
| 2 Outis | Pek |
| 3 Capes | Oulach |
| 4 Outiti | Oullef |
| 5 Is | Amahon |
| 6 Etesake | Pemaca |
| 7 Kaleis | Pekoulana |
| 8 Oulousmasakhen | Houlakoalano |
| 9 Pak | Koulefala |
| 10 Tonta | Kamakoualane |
|  |  |
|  | (12 other words given.) |

La Perouse states:
"Le pays des Ecclemachs s'etend a plus de vignt lieues a l'Est de Monterey; la langue de ses habitans differe absolument de toutes celles de leurs voisins," \&c \&c (p.291).
La Perouse, Voyage, II ,290-292,1797.

Ihe Achasthins of La Cerouce are vey douly reats to th Rumain of the sutil el mexicena, aud tom kahikoon of ft. Sur. - otom


them Relacion del viage Hecho por Lascoletas Sutil y Mexicana en el año de 1792 para reconocer el Estrecho de Fuca. Madrid 1802. (pp.172-173)

$$
\text { chiel form eqfy of hoth in lihay of F.W. Hadge fume 3, } 1906 \text { or compund. }
$$

The above vocabulary from the Vovage of the Sutil y Mexicana is rerroduced (with many ty ographical errors) by Alex. S. Taylor in his 'Indianology of California' published in Calif. Farmer, Ayril ${ }_{1}^{20} 60$

## s. OLHONEAN STOCK

 (COSTANOAN)Olhonean
$s / 18 a-f / B L 15$


The Archives of the Mission of Santa Barbara, written in 1811 or 1812, in speaking of the languages spoken at the Mission of San Carlos state that "two languages entirely different from one another" were spoken at this Mission; "one the Rmsen, the other the Excelen. For instance in Bumsen: Yaxina muquisint jurciquimo igest oyh laguan eje uti maigon: in Breelen: Agenooh lalucuimxs talognami ega salegua lettos taheypami laxlachis. These two examples are translated: Los hombres que tiran bien la flecha, son estimados $y$ bien queridos. (Men who shoot the arrow well are estermed and well loved)."

Archives of Mission of Santa Barbara. Manuscript Extracts in Bancroft Library Vol. 7. p. 124. 1876.
$\qquad$
Vocabulary obtained rron Koyage of Sutil Y Mexicana (fuhliehid 180 亿. ) At (place) $\qquad$ Date 1792
(Cohiel hon sugiaral in libary of F.W. Hodge, Hume 3, 190.6 cma )
I Enjalá 23 $\qquad$
${ }_{2}$ Ultis
24 $\qquad$
${ }_{3}$ Kappes 25 $\qquad$
$\qquad$ 20 $\qquad$ 27 $\qquad$
6 Hali-shakem 23 $\qquad$
Yaphanatishentiam
29 $\qquad$
8 Untranai-shakem 30 $\qquad$
2 Pakk ${ }^{\circ}$
35 $\qquad$
10 Tam-chajt 40

11 $\qquad$ 45 $\qquad$
12 $\qquad$ 50 $\qquad$
13 $\qquad$ 55 $\qquad$
14 $\qquad$ 60 $\qquad$
15 $\qquad$ 65 $\qquad$
16 $\qquad$ 70 $\qquad$
17 $\qquad$ 75 $\qquad$
13 $\qquad$ 80 $\qquad$
19 $\qquad$ 85 $\qquad$
20 $\qquad$ 90
21 $\qquad$ 95
22 $\qquad$ 100 $\qquad$
and lverect 'fanta dobera' ' LENGUA. KARKIN See Note 16 , p 28.
Nithojam 1, Othsjin 2, Capjan 3, Cathrahuas 4, Misuru 5. Tanepos 6. Kenetis 7, Othronacantumus 8. Telan 9. Tagthreithru 10

Admirado quedé oir numeros como en el Mutsun de San J̧uan Bautista, y dije: "este es el principio de la lengua de San Francisco, San José, Santa Clara, Santa Cruz, San Juan Bautista, San Carlos, y la Soledad hasta los Chelones de esta ultima, pero tan variada en cada mision, que parece ser en cada una distinta idioma, y no lo es en realidad como cualesqe lo puede ver y observar." Esta lengua comprende de 45 á 50 leguas de $N$ á $S$. Tambien el Karkin, que significa trocar, se llama Sutsunu.
[Wondering I waited to hear numbers as in the Mutsun of San Juan Bautista, and said: "This is the origin of the language of San Francisco, San José, Santa Clara, Santa Cruz, San Juan Bautista, San Carlos, and Solodad, as far as the Chalones of this last, but so varied in each mission that in each it appears to be a distinct
lancquage, and it it not in reality like what any one may see and This language extends for 45 or 50 leagues from $N$ to $S$.
observe." The Karkin, which signifies to barter, are also called -Sutsunu. ]

| [Karkin] | [Spanish] | [Enclish] |
| :---: | :---: | :---: |
| Copopoths, ó konojoths | Coronilla | Top of head |
| Tacalaths | Cabeza | Head |
| Vthrunuths | Pelo | Hair |
| Tugtun | Orejas | Ears |
| 01 ith | Frente | Forehead |

[Karkin]
[Spanish]
Tutpen
Auinthras
Gintchs
Usthres
Pugthrit
Jeyekeths
Juthruruths
Huehuelethrit
Sittethrit
Carsan
Canac
Merma
Nuc
Mannac
Macamha
Nucarmac
Juyunaths
Junathramuhue
Runathramuhue
Jahuatamus
Jahuag
Jayu
Othro
He
Ammi

| Cejas | Eyebrows |
| :--- | :--- |
| Pestañas | Eyelashes |
| Ojos | Eyes |
| Nariz | Nose |
| Carrillos | Cheeks |
| Barba | Chir |
| Barbas | Beard |
| Boca | Mouth |
| Dientes | Teeth |
| Muelas | Molars |
| Yo | I |
| Tu | You (singular) |
| Aquel | He, or she |
| Nosotros | We |
| Vosotros | You |
| Aquellos | They |
| Palo | Log |
| Hombre | Man |
| Muger | Woman |
| Esposo | Husband |
| Esposa | Wife |
| Ven | Come |
| Vete | Go |
| Si | Yes |
| No | No |
|  |  |


| [Karkin] | [Spanish] | [English] |
| :--- | :--- | :--- |
| Iracaths | Piedra | Stone |
| Iranti | Piedra on | Stone in |
| Yaacojuyu | Espera tu |  |

Nota - Cuanto una rancheria esta mas proxima, una de otra, tanto mas se parecen aus voces las miasmas on una que on otra, y cuanto mas distan, mas discrepant: pero el mecanimmo, of la sintaxis siempre es el mismo. Po este es, que, en todas estas supradhas. misiones el Idiom es pospositiva. Suppesit. Ya esta. Baste.
[Note - The nearer rancherias are one to another, the more their terms seem the same, and the farther apart they are the more they differ: but the mecanism or syntax is always the same. For here, as in all these above mentioned missions, the language is postpositive (i. e. with words having suffixes with the function of prepositions).
( - All of the Vocabulary less an explanatory note at the beginning - )
"MS comment by a S. Batschet: "Is clearly mutsun. but differs largely from all voc. in contributions. It comes nearest to Sa. Clara dialect:"

## Note $16-$ Karkin

## MUTSUN VOCABULARY \& RANCHERIAS, SANTA CRUZ MISSION

Copia al pie de la letra de un cuadernito que hize on la de Ntro. P. Sn. Francisco de Asis el año 1821. Anado aqui escritito porque se vea en un solo apunto ideas de idiomas de Californias. hoy 29 Marzo de 1837 on este de Santa Ynez,

Dice. . . Arroyo de Lenguas de la N. y A. Calif. por curiosidad al P. Fel ipe: Mision de N. S. P. San Francisco, Suisun, Karkin. Uhimen, \&c, \&c, \&c.

I copy at the foot of the letter from a leaflet which I maste in the Mission of San Francisco in 1821. I add this little writing here in order that in a mere menorandum some idea of California languages may be seen. Narch 29. 1837. In Santa Ynez Misaion. I say. . a little from Lanhuaces of Nueva and Alta California, out of curiosity by Father Fel ipe. Mission of San Francisco. Suisun. Varkin, Uhimen, \&c, \&c, \&c.
[Here follow some verses to show similarity of Latin and Castilian languages. Then:]

Mariano Antonio Sackinecs me dio estas palabras, y voces del Idioma, Y Rancheria de Karkin, en de N. P., dia 14 Enero de 1821. estiando de Ministeros Los PP Altimira y Ordaz.

Mariano Antonio Sackinecs gave me these words and phrases of the larguage and rancheria of Karkin, in the Missi on of San Francisco, Jan. 14, 1821, Fathers Al timira and Ordaz being ministers.

| Enclish | Indian |
| :--- | :--- |
| ear | ocho |
| eye | hin |
| nose | us |
| mouth | ueper |
| tongue | lesa |
| tooth | sit |
| beard | ayes |
| neck | harcos |
| arm | ysu |
| hand | palmish |
| Indi an shoes | sholoc |
| bread | missoy |
| pipe, calumet | torejo |
| tobacco | macher |
| sky, heaven | chara |
| sun | ishmen |
| moon | char |
| fingers | rarash |
| nails | tur |

Taylor 2 Santa Cruz

| English | Indian | Inglish | Indian |
| :---: | :---: | :---: | :---: |
| body | uara | spring | etuenpire |
| belly | ramaina | summer | elau |
| leg | coro | autumn | puty |
| feet | hatash | winter | asir |
| toes | rorash | wind | taris |
| bone | chaie | lightning | uilep |
| grasshopper | urua | thunder | chura |
| cond or or vul ture | cayas | rain | amani |
| whale | chime | snow | wacani |
| Whale |  | hail | yopoc |
| heart | mini | fire | juelec |
| blood | payan | crow | sharac |
| tovm, village | pepla |  |  |
| chief | uit-tres |  |  |
| friend | onient | turkey-buzzard | humish |
|  |  | water | si |
| house, hut | rua | ice | ucani |
| kettle | amamsha | earth, land | pire |
| arrow | chemo |  |  |
| bow | liti | sea | calay |
| knife |  | river | rumay |
| knife | chippi | lake | hoicol |
| star | usi | valley | ruum |
| day | tujish | hills sie | satos |
| light | charco | , |  |
| night | muruch |  |  |
| derkness |  | island | tepeol |
| darkness | heuep | stone, rock | e-ni |
| morning | munsha | tree | luspin |
| evening | we-ac-say | leaf | tepash |

Taylor 3 Santa Cruz

| Enclish | Indian | English | Indian |
| :---: | :---: | :---: | :---: |
| grass | guay | yellow | lachcamin |
| herb | guay | green | neru |
| oak | arue | great, big | 00-tres |
| pine-tree | gireni | small,little | niuma |
| flesh,meat | ris | strong | tuise |
| beaver | gupi | old | juhoc-nish |
| wolf | umu | young | cotocma |
| coyote | mayan | good | ursheshmin |
| dog | hichas | bad | hutesmin |
| fox | jurig | handsome | amshosmin |
| squirrel (ground) | ejh | ugly | ectes |
| rabbit | wiren | live,life | ash-ho-udra |
| hare | cheyes | dead, death | semoshti |
| bird | winac | cold | tarshi |
| goose | patch | warm, hot | cai |
| duck | epe | I | can |
| pigeon | molmol | thou | uaia |
| Cal.quail | acas | he | neppe |
| hawk | cacrui | we | maxent |
| sea-muscles | sharo | you | aiha |
| fish | helai | this | neppe |
|  |  | that | hemit |
| ear-shells | tupsesh | all | nuppi |
| white | loscmin | many, much | yasir |
| black | murtusmin | who | atu |
| red | patiamin | near | amatica |
| blue | murium | to-day | naja |


| Bnclish | Indian | English | Indi an |
| :---: | :---: | :---: | :---: |
| yesterday | uican | twenty | uthin-i-uesh |
| to-morrow | munsa | thirty- | cappan-iuesh |
| yes | eje | forty | catuash-uiesh |
| no | ec-ka | fifty | mishar-iuesh |
| east | уacmu | sixty | saquen-inesh |
| west | arras | hundred | tappan |
| north | tamarte | eat | amay |
| south | ramay | drink | nit |
| one | impech | run | uricay |
| two | uthin | dance | chitte |
| three | caphan | go | huil-coo |
| four | catuash | sing | shane |
| five | mishur | sleep | echen |
| six | saguen | speak | ai ua |
| seven | tupuytuc | see | hiri-ri |
| eight | usatis | love | hasen |
| nine | neu-ku | kill | nimi |
| ten | I-esh | walk | chaumespi |
| eleven | imheshwacalish | salt | aues |
| twelve | uthentish | wild-cest | toroma |
| thirteen | capan-tish | elk | tibu |
| fourteen | catush-üsh | deer | toch |
| fifteen | mishur-lish | mud-tortoise | aunishmin |
| sixteen | saquen-lish | $f 1 \mathrm{y}$ | mamura |
| seventeen | tupuy-tac-lish | eagle | nuppi |
| eighteen | natis-lish | musketo | cashup |
| nineteen | ni-koo-ish | feather | lipos |

Taylor 5 Santa Cruz


## Rancherias

1 The rancherias of Indians near this Mission, all wi thin eight or ten miles of Santa Cruz, among which this vocabulary was spoken, were: Aulintac, the rancheria proper to the Mission; Chalumt, one mile north-west of the Mission; Hottrochtac, two miles north-west of the Mission; 'Tallanmi; Sio Cotchmin: Shoremee;-Onbi; Choromi: Turami: Payanmin: Shinguermi; Hauzaurni.

The Mission also had neophytes of the rancherias of Tomoz. Osacalis (Souquel) Yeunaba, Mchilla. Yeunata, Tejer, Mohioalli, Italliam, Locobo, Yeunator, Chanech, Huocom. Chicutae Aestaca, Sachuen, Hua lquilme. Sagin. Ochoyos, Huachi, Apil. Mallin Inchasmi, Coot, and Agtism, as detailed in a letter from Friar Ramon Olbez to Governor de Sola, in November, 1819, in reply to a circular from him, as to the native names, etc.. of the Indians of Santa Cruz, and their rancherias.

According to the reply of Padre Olbez, the following are the Indigenous names of some of the male neophytes, to wit: Chulum, Choil, Yoacchi, Chochon, Socoy, Guajsilii, Ayacho, Xoles, Laloas, Chaebae, Tixechay, Coyenes, Chelem, Alaque, Horirjachi, Huichelir, Yapuachee, Guachichi, Jiejome, Vichili, Coltocti, Ollue, Chalcha, Pilec, Secuojam, Caliguithu, Hachi. Guihuch, Pocham, Chail, Chies, Zayama, Chapail, Yugunat, Pachihuit, Taaca, Lemesta, Chojon, Tebri, Choyl, Peissen, Chulpinih, Yachalle, Yonoat, Tigus, Cachays, Tucay, Socohues, Capiblistil, Cochali, Parelacho, Colos, Sauset, Pril, Sitin, Gisic, Chiuyam, Nocoil, Tsajutique.

The female names were: Solistis, Pichiak, Guejoas, 0jolote,

[^1]Pahichil, Segeyate, Chuemit, Chiottamin, Ajalis, Tichuila, Brecacho, Chaveyat, Ojoyolo, Hoguem, Huachaacho, Guassay, Sayanit, Guam, Monoy, Piecay, Nauche, Cehot, Huigolot, Cohuchit, Pilensta, Nenoat, Jayalme, Pajjaccatti, Fosate, Chiehalme, and Yehuagit.

The different rancherias named by Olbez were mi thin the present county of Santa [8ruz].

Alex. S. Taylor, Indianology of California, Calif. Parmer, Vol.13, No. 8, April 5, 1860 .

## T. WINTOON STOCK

Wintoon
$T / 19 a+1$ BL 16
$80 / 18$

PECULIARITIBS OF THE CHOO-HBI'MBM-SEL LANGUAGE Differences denoting whether a person is addressed or spoken of

| Spoken of | Spoken to |
| :---: | :---: |
| Win-toon (Singular, Win) | Chah-ket-min |
| Tah'choe | Tah-kā |
| Nan'choo | Nah'okā |
| Ni'moo-hla | T自e |
| Tä́choe | Tā́e $\binom{$ Same }{ as son } |
| Lah'bah-choo | Lab-bah-kā |
| K1ahn'choo | Klahn' |
| Ah'poh-choo | Ah-pah-kā |
| $\mathrm{Ah}^{\prime}$-mah-choo | Ah-mah-k ${ }^{\text {a }}$ |
| Am1-tah'choo | Am1-tah-kE |
| Aml-nan'choo | Aml-nanokē |

LaNGUAGE OF NEIGHBORING TRIBES

| Wi'tutè-we (Northlangease) | Grindstone rancheria language |
| :---: | :---: |
| $\underline{\text { No'min }}$ tā-we | Stony Pord language (Sho-té-ah) |
| Mor"toséme ( | (South language) - Choo-hel'mem-sel (sur tis |
|  | Sacramento River language (Kórroo) |
| We-lok'sel tā-me | Cortena language (Klet) |
|  | Long Valley language |
| Tamblentā-me | Clear Lake language [The name means "different languagé'] |

Lanquaper f mighlenotivies
Wi'tĕ.we - snistan re langinge
No'mintā-we-tany Ford loupurpe (sha-ter-ah)
Wor"té'-we (sont lopuger) - chanhelimin-all.



Chen'-po-sel tä.we\} Loyp val laguape
Lhol-sel täne
\& holorel tanne

thoo-hul'men bel

1. nematadi.Tawi-kir.

Whan

- had davar for hur (Tawikoi turin.no).

No me domes. Then 2 dmen-ma sfocifietine.
couldit cat fichor meat - Couldint he min ma - etay mothene's hour.

In daner troure, 3 fost Eoch Ads calld women mi-in itchip, Aniorsbeven batim luad, + dentafoct namd for last duad chisfo deconatoluin vaiuaul luas
 Rolhours oferip aluors eact. all sat-cound.
 shach it nie mienect boodfyet todath hotuen tritus $=$ attederes.

Nomeat coued hebut inter rekonse sxecpt dances who 1 st nip Heferip nipet) $_{\text {(ef }}$

[Drip dance men dout Eat rereat-tahi tomoment $q$ coohereat ] Rumnip sfirit Damen \& leados.. Come Ruminy fRiit fin Gah'tenh reha lust \&o squivul (kt) ta Rothoure of choshlmem $x$ tobl
 Nobody kiend horall wasid. Mixunp fight te kill aybtod tanglotey -
wam thagit (bliend) ot tovis dip fight.
Eliu deffer atich $=$ ptides mizn emad hole man; layefols, inaman,

Sulfhur Banth - Refarl i. Pats (leader)]
[Chtohulmenal]
mantes bass epints
Flichur hadbliand Dad'de

Goosedouen (white) droum caf-Poo'-ta| Net undu caoun dah - klit-té-ko.
Britcheloter-Parrei-so
Nechlece - - He'-hle-suk
 Snow goone headgear wit rodoktulif: Robs, Taw'-po: Tulifs chal_lal.
The frages lave dres . Inah'lah.

- Wooppecker scapp bult Te'-re.
"Elder eloffur strichs.. Klah'-se (aronerhah-kah'-ki)
"Whit gras collor - Do'rah mah.
"Flichur riblors on back - Pit'.



Reinfitour Redcaf Ter'rat sal-to (Calif whthe efinit), in Rueanat a piel elah'men.
Fen heahdurs - Dah'dah (tift nost itules) \|Red croven- - Ter-rat' (coif woffer)
Sntingooverlear No'.nah mah. II Feathe bult- Te're
Shirt-- Nahi-wous-Sal-to.no loihyah (spint dren).
Red came - Too-hah'.


## Names for other tribes:

[Qurtrilu Choo-hel'-mem sel ]
$J$ Tribe: on Stony Creek at Stony Ford Nómin-sel (\%nthin lagnage To'-le.tä-we)
 the neme of Elk Creek). The people talk same language as the Nöm'-lak'-ke of Pashenta country.
$\checkmark$ Trim ou tro of Elk crak- -
Lajguage near thet of Raskenta Nom-lak'-ke.
Tribe on Sacramento Rivert $t+\left[K O^{\prime}-r e 0\right]$ All Riner people
$\sqrt{ } \sqrt{\text { eglled }}$ Pwé-i-sil.
$\checkmark$ Tribe in Long Valley and reaching north to Hough Springs and east te] Sulphur Crbek (Vilbur Springs) -- Chen'-po-sel.
$\sqrt{ }$ Tribe at Bartlett Springs -- Lol'-po-sel [only a subdivision of Chenposel].
$\checkmark$ Tribe in Cortenał Valley reaching west to Bear Valley and north to Mountain House (Venado)..'Klot'.
$\sqrt{ }$ Tribe on Cache Creek south or southeast of Sulphur Creek (probably Rumsey region)--Kó-bah-sil.

Words in my Pomoan Shoteah vocabulary that resemble words in Wintoon Nóm'lak-ke or Choo-hel'-mem-sel--evidently borrowed. But these words were given me by Chief San $\perp$ iego whose mother is seid to heve been a Deh'-chin-chin-ne.

Pomoan stock
Wintoon stock

| Qur Word | Shoteah | Nomlakke | Choohelmemse, |
| :---: | :---: | :---: | :---: |
| Eye | 00'-e | 'H100'-* |  |
| Liver | Chal-lah ${ }^{\text {' }}$ |  | Chel-lah |
| Cottontail Rabbit | Tah-kah-li-kah | Tah-kah'laht ${ }^{\prime}$ |  |
| Condor | Mol'-1uk | Mol'-luk | Mol'luk |
| Crow | Al-lal-kah | Ahl'-18hs |  |
| Mt. Quail | Chol-chol-keh | Chol-chüs' |  |
| Kingbird | Tap'pe cho-ro-keh | Tap-peet |  |
| Barn 0wl | Shé-kah |  | Sheek |
| Magpie | Ah'chatch-kah |  | Ah'chutch |
| Poorwill | Robl'det |  | Rōl-dep'-pit |
| Bluebird | Cho-cho-kah |  | Cho'-kah |
| Douglas fir | Bah'-tam ${ }^{\text {P }}$ |  | Beh-tahm' |
| Aromatic Sumac | Pin-tush ${ }^{\text {P }}$ |  | Pin'toos |





Alex. S. Taylor, in his Indianology of California', published in the California Famer, 1860-1863, gives the following vucabulary of Indians near the town of Tehama on the Upper Sacramento. He writes:
"A friend, livins near Tehama, gave me the following vocabulary of the Indians near that town, on the Upper Sacramento. For 100 miles up and down the river and the neighboring mountains, the same language is spoken or understood.

| English | Indian | Enclish | Indian |
| :--- | :--- | :--- | :--- |
| Sun | tooka | ducks[Radtailtank] lad-it |  |
| bird | chil chil | salmon | newey |
| crow | cak | beaver | memlook |
| tree | dutchy | otter (river) | mem-tooley |
| water | mem | man | wintoon |
| Earth | battah | woman | dastey |
| acorn | widdock[Q.lobata] | erasshopper | weelik |
| bear | wimil | elk | coolit |
| coyote | shedit | doer |  |
| geese | lok |  | shumit |

There were in the Sacremento Valloy, or near that river in 1843, as far up as Red Bluffs, when he first esteblished his rancho, near Tehama, as many as 50,000 Indians.

The Colusi Indians of the Sacramento River, bury their dead, but do not burn them. They make a round hole in the ground, and put them in after tying them up like a bundle. Into the grave,

Republished by M.P. de Lucy-Fossarieu, Les Lampes Indiennes de la Californie, pp. 21-41. 1881.

## Taylor 2

they put all the dead man's arms, baskets, ornaments, eatables, etc. . and then cover him over. On one occasion, in 1856, a friend of mine saw 200 strings of beads buried with a woman near Colusi."

Alex. S. Taylor, Indianology of California, Calif. Farmer., Vol. 13. No . 6, March 23, 1860.

In a later issue of the Cal if. Farmer Taylor says Tohama is the Indian name for the Sacramento River."- Calif; Farmer, Vol. 13, No. 18. June 22, 1860.

Quoting Gen.Sutter (prior to 1846) :". . .across the Sacramento [from the Nemshous between the Bear and American Rivers] were the -Volos and-Colusas." - A.S.Tarlor, Calif. Farmer, Vol. 13, No. 16. June 8, 1860.

## U. MIDOO STOCK

U/20a-0/BL17
$80 / 15$

The following Midoo vocabulary by Stephen Powers
is one of several MS vocabularies by Powers in Hayes" Scrapbook of

Indians of California. The lists are written in pencil
on thin papere apparently torn from a notebook, and look as if they might have been made in the field. The include
the Indian words only with numbers referring to a key
These lis ts are in Powers' hand-
which precedee the lists 2 writing as shown by compering
them with a MS by Powers.
Meidoo Vocabulary -- Orovilie
L. father nic ooleh $=$ my 19. house we
2. mother
nic neh 20. boy coleh
3. sister
nic cah
21. gir
kuleng coleh
4. brother
nic tuneh
5. me
ne
6. you
me
7. he
mom
8. sun
pocum
9. earth caweh
10. dog
seyu
11. coyote
olayle
muyde
mapunda
13. 110n
miye
15. water
momeh
midoo
catee
17. woman
sumee

Powers Middo

| 40. ear | bono | 64. old | canoan |
| :---: | :---: | :---: | :---: |
| 41. nose | shumu | 65. young | wedaka |
| 42. eye | heene | 66. hill | yamanee |
| 43. head | onum | 67 . walk | ükoan |
| 44. hair | $\cdots$ | 68. touch | pokosey |
| 45. mouth | cumbo | 69. stop | beecin |
| 46. tooth | chawd | 70. fly | malye |
| 47. tongue | ayne | 71. see | chena = chehna |
| 48. hand | ma mah | 72. eat | pin |
| 49. foot | piye | 73. talk | wehweh |
| 50. snake | solah | 74.1011 | wonatin |
| 51. mouse | chuseh | 75. Pight | humpitu |
| 53. bird | beëngkoteh | 76. drink | moan |
| 54. fish | maooh | 77. do | ikelye |
| 55 rain | cadeh | 78. run | yingwo |
| 56. wind | moonoo | 79. jump | hukyen |
| 57. bow | punde | 80. Work | tawale |
| 58. arrow | noko | 81. have | hakün |
| 59. high | lalame | 82. give | meäy |
| 60. long | $\omega$ | 83. can | unomayni |
| 61. sweet | shudaka | 84. cannot | $n i=n o t$ |
| 62. big | naylin | 85. call | upee |
| 63. little | wedaka | 87. hear | peene |

Powers, Stephen, Meidoo Vocabulary, ws, in Scrapbook of $\begin{gathered}\text { He Cal ifornia, Bancroft Library }{ }^{\text {Indians }}\end{gathered}$
Note: A lare part of the ahove vocabulary is published in the vocabulary of the Hol-o-lu-dai in Powers' Tribes of Calif., Contr. Arer. Ethnol., III, 588-596, 1877... SRC.

## THE TI-MAH OR FOOTHILLS PEOPLR BAST OF CHICO

The old Mitchōpdo man Jack Frango, who died in the summer of 1923, gave me the following information concerning the mountain tribes east of Chico:

The foothills people or mountain people, who call themselves Ti-mah or Ti-nan, are knovn to the Mitchớpdo as Yahn'nok and Yam-mah-nim-mah.

The forms of speech were similar to those of the Mitchópdo, but a large proportion of the words, including most of the names of objects, were different. The mountain people had villages from Magelia (formerly called Dogtown), Yankee Hill, and Cherokee southerly to Rnterprise and Mooretown.

The tribe from Yuba Rivor drass valks differently.

## Mitchopdo notes--3

Grizzly Bears were common in the tules. They never left the tules but were exceedingly dangerous to Indiens going in there. Many Indians were badly hurt and some killed by them. They would

## always at tack.

There were no Black Bears in the open country except the Water Bear (Hoo-toonge) which lived in the water and in holes in the river banks. $A$ baby placed near or opposite the hole would cry, and woo-too'ne would come out so the Indiens could kill it.

Black Bear of the mountains is celled Hah-hah'-bo. The Brown Bear of the mountains is Moo'de.

There were two kinds of Mounta in Lions, one celled Pā-koóne, the other He-le'-te. He-le-te had a very long tail with which he used to rope deer. He did not eat the deer, but mas followed b the big wolf Hoo'-le, which used to eat the deer killed by He-léte.

BIk and Antelope were abundant on the plain.

The language of the Midoo can be divided into two main parts--Southern and. Northern and in Ho thern there semetinct divisions.

The Nissenon or Southern is a distinct division.
The Notokoive or Northeastern ict division.
The Mitchopde or Northwestern, division

This leaves the Tahn-kum, Kum-mo-win and Kow-wahk.
The Tahn-kum and Kum-mo-win seem to be a composite of the Notokoive and Mitchopde divisions although they use some words which are peculiar to themfand to none of the other divisions so that they might be classed as a Central group and called $\mathbb{T i}$-mah which is the Mitchopdo name for 'foothills people'.

The Kow-wahk vocabulary agrees in two-thirds of its words with the Nissenan. Words that disagree with Nissenan agree with Tahn-kum_in about half of the cases (one-sixth of whole vocab). The Kow-wahk do not use the word Nissenan for 'people' as all the other Southern tribes do. They also use some of the words which are peculiar to the Central group and might be placed with that division or with the Nissenan.

MIDOO STOCK
Northeastern \{No-to-koi-yo

$$
\text { Northwestern } \quad \text { Mitch-op-do }
$$





Kow-walk
hills A Amirecau o yota rous, Devada lit regirn * $n$ to Sma Juan o "haduige:

Mortheasterv $\{$ Noto koi go
N,vistorn $\{$ mitichopis
SKonkow
Tinah $\left\{\begin{array}{l}\text { Tahu-kum } \\ \text { Kum mownin }\end{array}\right.$
Sontherve $\{$ missenan

Kon-kow $\qquad$
Toon-kow baruch of konkow dust Kummowion m east
 true at Auburn.

STEPHEN POWERS' NISSENAN VOCABULARY, BEAR RIVE R DIALECT

The following Nissenan vocabulary by Stephen Powers is one of several MS vocabularies by Powers bound in Beng. Hayes Scrapbook of Indians of Cal iformia, Bancroft Library

Neeshenan Vocabulary - Bear firer to the Cosumnes -- Bear River Dialect

1. Man
neeshenam, maidec
2. woman cülleh
3. boy mana
4. girl connah
5. infant lin lyh
6. My father (said by son) nice th
7. My father (said by daughter
8. My mother (said by son) nice neh
A. My mother (said by daughter)"
9. My husband
nice yeeup
10. My wife
nice cullleh
11. My son (said by father nice elih, ely
12. My son (said by mother)
13. My daughter (said by father) nice pom
14. My daughter (said by mother)
15. My elder brother
nennopem, nick ken
16. My younger brother nice tunem
17. My elder sister nice aten
18. My younger sister amupem, nice aten

| Powers Nissenan |  |  |  |
| :---: | :---: | :---: | :---: |
| 20. An Indian neeshenam, |  |  |  |
| 21. People neeshenam, haylin |  |  |  |
| 22. Head tsoll 45. Toes hunum pi |  |  |  |
| 23. Hair onoh 46 Bone bưm |  |  |  |
| 24. Pace maccooh 47. Heart honimkoko |  |  |  |
| 25. Forehead soon 48 Blood seddeh |  |  |  |
| 26. Far bonnoh 49. Town, village, hoopooey |  |  |  |
| 27. Jye hin 50. Chief hook |  |  |  |
| 28. Nose 51. Warrior yowetoh |  |  |  |
| 29. Mouth sim 52. Triend heskuh |  |  |  |
| 30. Tongue en 53. Houre |  |  |  |
| 31. Teeth chowah 54. Skin lodge |  |  |  |
| 32. Beard | moassus | 55 kettle | $\left.\begin{array}{l} \text { oam loyuh } \\ (\text { oam }=8 \text { tone }) \end{array}\right\}$ |
| 33. Neck 56. Bow punduc |  |  |  |
| 34. Arm | yim | 57. Arrow (A | $\left.\begin{array}{l}\text { (Auburn) olaon } \\ \text { (B.River) punnun }\end{array}\right\}$ |
|  |  |  |  |
|  |  |  |  |
| 37. Thumb | nem mah | 89. Knife | bosson |
| 38. Nails | beecheh | 80. Can 0 e | cánoa |
| 39. Body | cun | 61. Moccasins | $s$ moccoh (Piute) |
| 40. Chest | tootoo | 62. Pipe | pánemcoolah |
| 42. Belly | pottoam | 63. Tobacco | ```pan = panem= wild tobacco``` |
| 42. Female breasts meen |  | 64. 8ky | hippinecah |
| 43. Leg | noely | 65. Sun | ohpy |
| 44. Foot | pi | 66. Moon | poambuc |

Powers Nissenan 3


Powers Nissenan 4

| 110. Deer | dupem |
| :--- | :--- |
| 111. Elk | ween |
| 112. Beaver | kakke |

113. Rabbit, hare (pallal = rabbit; boyeh = hare
114. Tortoise
115. Horse caballo [Spanish]
116. Fly émelo0100
117. Mosquito doókooey
118. Snake
119. Rattlesnake soaluh
cosemoh (Auburn dialect)

120. Duck (mallard) lotuh
121. Turkey waholloh
122. Pigeon hahn
123. Fish hoallee
124. Salmon myh
125. Sturgeon nepem hoalmye
126. Name yah
127. White cokkoh
128. Black peeboot
129. Red choopap

Powers Nissenan 5


## Powers Nissenan 6

193. To run lasseh chap

| 194. To dance cammeh | 204.To come hayweych |
| :--- | :--- |
| 195. To sing soal | 205. To walk ooyem (or) |
| 196. Tosseep tueh pynu yenneh to walk afoot |  |
| 197. To speak yappýtoo | 206. To work towhan |
| 198. To see ayn | 207. To steal nassoo |
| 199. To love ániktoto | 208. To lie poolan |
| 200. To kill woantip | 209. To give meh |
| 201. To sit nasskit | 210. To laugh kúyup |
| 202. To stand boakittuh | 211. To cry woh |
| 203. To go |  |

Powers, Stephen, Meeshenam Vocabulary, Bear River Dialect, MS, in Haye's Indians of California, Bancroft Iibrary scrapbook of

Note: - Comparison of the above vocabulary with a MS by
Powers shows it to be in Powers' handwiting. The list of words is the same as that in Powers Fi-shi-nam Vocabulary published in Contributions to Amer. Ethnol., III 588-598; the spellings however are entirely different and there are a few additional notesom. S.R.Clemence, 1917 .

## A.S.TAYLOR'S VOCABULARY OF CUSHNA INDIAES

Alex. S. Taylor, in his 'Indianology of California' published in California Farmer, 1860-1863, reprints a vocabulary of the Cushna Indians living near the South Fork of the Yube River, Sacramento Valley, given by Adam Johnston in Schoolcraft: 'Indian Tribes' pp.494-503, 185 and appends the following remarks, together with additional words and sentences: (including numbers 1 to 10)

| Tnclish | Indian | Rnclish | Indian |
| :---: | :---: | :---: | :---: |
| eyewinkers | bokkrok | this | hed-dam |
| eyebrow | wiscon | this place | hed-dad-da |
| little boy | hu-e-no | where | hahmode |
| to sweat | loop kit | mouse | oossay |
| forehead | tchim | stink | toctam |
| elbow | puccus-cus | to sleep | au-ee |
| belly | curde | food | summack |
| shawl | lance | to gamble | hali |
| smoke | shook | dead | mulu |
| stone-coal | cot | to cut | ho-o-na |
| wild onion | wohro | what is it | hes hah |
| pine-seed | tone | what do you say | hazem |
| yerba-buena, peppermint | hesh ha | give | wama |
| lean | dolah | give it to me | tope |
| raccoon | och | take it | mip |
| to shoot | $\begin{aligned} & \text { darco or } \\ & \text { narwa-wah } \end{aligned}$ | come here | oleppa |


| English | Indian | Bnglish | Indian |
| :---: | :---: | :---: | :---: |
| to buy | pec al de | expression of sur- |  |
| lazy | bucki | prise or astonishment | ah me and solam copam |
| dirt | pitche | to labor, travel, or make effort | tows hal |

The following words must be of recent formation, as they could not have known anything about the articles to which they are applied until recently.

| Pnelish | Indian | Inglish | Indian |
| :--- | :--- | :--- | :--- |
| coat | capota | paper | papile |
| gun | copalta | vest | char-lac-co |
| powdor | pulpul | shirt | camesa |
| cendle | mantaka | hat | somliel |
| board | topla | saw | harse |
| bucket | suwatle | ox-horn | mo |
| beads | hoite |  |  |

This is the extent to which most of the tribes can count. After this, they count by tens. If they wish to count fifty, they count five tens; if one hundred, ten tens, etc.

| Pnglish | Indian | Inclish | Indian |
| :--- | :--- | :--- | :--- |
| one | victem | six | tumbum |
| two | panim | seven | tapuhim |
| three | sapuim | eight | pentchim |
| four | tchuim | nine | pellom |
| five | markum | ten | matchim |

Proper names of a few individuals of the tribe Cushna:

Colla, their chief
Camulla
Osh-da
She col
Sarrappa
Moawai
theelock
Yachuno

Hock-la
Pantu
Womote
Yappa
Luwassie
Draper
Haluce

Coachepe
Inaces
Comolin
Hompella
Cabotelum
Onempoolo
fill yo

Putsha
Monaceno
Tisema
Pennewatte
Mattuck
Occano

Alex. S. Taylor 'Indianology of California', California Farmer, Vol. XY, No.14, May 31, 1861.

## V. MEWAN STOCK (MIWOK)

$$
80 \mid 10
$$

MEWUK VOCABULARY -- erroneously attributed by Taylor to the


Alex. S. Taylor, in his 'Indianology of California', published in Celifornie Parmer, 1860-1863, writes whe following vocabulary of the San Joaquin Indians in the vicinity of Four Creeks, published in the San Prancisco Tide Mest, in July 1856, by a writer signing himself "T.H.R.", is of great interest and value, as very few observations heve been made on the Autochtones of that section. It seems probable that all the Indians of the Southern Sierra Nevada. the west bank of the San Joaquin, and the Delta of the Tulare Lakes, are Cognate tribes, speaking a general language in different dielects. The Spanish officers and soldiers, who first explored the Valley, prior to 1820, and the old fur-trappers and hunters, from 1824 to 1830, always stated that the tribes, clans, and rancherias of Indians thereawey, were very numerous and populous, and the means of subsistence extremely abundant. Capt. Bstudillo of the Spanish army, from lionterey, explored the Tulare Lake district in 1819, and made a map of the country, which the curious can see at the office of the U.S. Surveyor General, at San Francisco -- it is very detailed and full.

## THB INDIAN TRIBES (KAH-WB-YAH AND $\mathrm{KAH}-\mathrm{SO}-\mathrm{TAH}$

The Indians now scattered in small binds or families throughout the mining districts of California, formerly constituted a great family or nation, of one common origin. They were, it is true, divided into petty tribes, selecting particular locations favorable for hunting and fishing, over which they appear to have exercised some tacitly acknowledged preemptive right. The

## Taylor -2- Tulare Lakes

customs and characteristics of all these tribes are very similar, but in language there is a great dissimilarity. There must be a great number of dialects spoken by the Indians of Oregon, \#ashington, Territory and California, as I find them differing very much indeed.

> Evon within
our own bounds I find very material differences in the dialects of the Northern and Southern tribes, and again betwixt them and the Indians of the Coast Range.

The dialect of the Kah-we'-yah is very simple, and only gains strength in compound words. There is no sound of the letter $R$ in the language, and in using a foreign word possessing it, they always substitute the sound of the letter L. Some of their names are beautiful, soft and poetic. For example: Loy ${ }^{\prime}$-e-mah, flowers; hoo'-lo-wen, birds; $0^{\prime}-$ pah, the sky; yan'-o-pah, clouds; hee'-a-mah, the sun; and many others. The true aboriginal names are those of natural objects, most other words having been introduced by foreigners. The exceptions to this are, when any new article of luxury, or necessity, is introduced amongst them. If it bears any resemblance to a familiar object, it will likely be so named; as, for example, the reader will observe in the Vocabulary a resemblance between to ${ }^{\prime}$-le, blankets, and tu'le, or tool-lee, bulrushes. The latter article they weave into a sort of rough matting, and it is frequently used as a covering to their huts. Since the introduction and use of blankets have become so general, they, after wearing them a few days, appropriate them to the same purpose as the bulrush mats. Hence, the similarity in names for articles at first apparently so widely differing. Again: $00^{\prime}$-woo is prepared food; ow ${ }^{\prime}$-woo, the mouth; and it strikes me that the connection of one wi th the other

## Taylor -3- Tulare Lakes

is quite natural.
Then again, as it is oftimes a difficult matter for persons speaking different languages to understand each other perfectly, or even to catch correctly the sound of a word, so mistakes have arisen in the names given to rivers, and which were evidently derived from the Kah-we'yah dialect. Who was in fault, I know not, but I will give irs tences in point. Wokel/rootee is the name in Kah-we ${ }^{\text {y }}$ yah for river. Is not this word the origin of the name given to the Mokelumne river? Ko-sum/moo, salmon. Can we not detect a similarity with the name Cosumne, also a name of a river? Tu-al/-um-ne is also a soft and melodious name, but 1 am ignorant of its meaning. Ham-i-te, falls, rapids; yo-ham ${ }^{\prime}-i-t e$, a cataract; the prefix yo meaning high, lofty.

The limits of the Kah-wel-yah and Kah-sof-wah tribes appear to have been from the Feather river in the northern part of the State, to the Tulare lakes of the south. As we advance further north, a most decided difference is observable with the dialects of the various tribes inhabiting thet portion of the country; while on the contrary, as we go south, we observe a similarity in words with even the Aztecan or ancient Mexican language.
For example:

Fire, in the Aztecan language, is Ah/-kee.
" " " Kah-we"-yah " " Wo -ka.
Mater " " " " Ke -koo,
" " " Aztecan " " (fuack 1 -keo.
What is the cost? in Kah-we -yah, is Me-tol-kah.
" " " " Aztecan " Meefyah

Who buys? in Aztecan is Ah -mol-nee.
Do you wish to buy? in Kah-we/-yah, is Ah-mo/-nee.
We might multiply these instances, but our limits prevent, and we proceed at once to introduce the

## VOCABULARY OF THE KAH-TIE/-YAH AND KAH-SOK-TAH INDIANS

[The syllable to be emphasized in pronunciation is indicated by

$$
\text { the accent }--1 .]
$$



## Taylor -5- Tulare Lakes

Above a hundred, they count naturally by decimals; any indefinite number, by holding up their hands, and, whilst exclaiming energetically "Niatch1-ah Ni-atch"-ah," rapidly opening and closing the ten fingers.

## Parts of the Human Body

| Han ${ }^{\prime}$-oh -- head | You'-sah -- hair |
| :---: | :---: |
| Soon'too - eyes | Nee' -to -- nose |
| Ow'woo -- mouth | Koo'too - teeth |
| Oui'-ko-soo -- chin | S00 -mo-choo -- beard |
| Tol'-ko-soo - ears | Tee -soo - hands |
| Los -los-kee -- fingers, or toes |  |
| Sa '-lah - nails | Oo-toon -dah -- thumb |
| Hot ${ }^{\prime}$-tah -- feet | H0 -cho-noc -- legs |
| Lee'-te-poo -- thighs | Hid-te-wah -- hips |
| Moo-'z00 - breests | Oong $/$-i-you -- chest |
| Tool-you-pe -- shoulders | Teesse-ni -- elbows |
| Pah'-cha-100 - arms | Kah -woo -- back |
| Cho'-ko-noo -- belly | Tot-kah - posteriors |

To ${ }^{\prime}-10-100$-- gen. organ, mas.
Wockl-o-ta - gen. organ, fem.
Nong'-ah -- man

$$
0^{\prime}-\text { sah - woman }
$$

Esh-ol-10 -- child
Esh'-el-10 Koo'-chee - good child ${ }^{1}$
Koo'-che $0^{\prime}$-sah -- good woman
Oo'-soo-too, Nong'-ah. -- bad man
The placing of the adjective before the substan tive soems to be governed solely by euphony.

Taylor -6- Tulare Lakes

Nong ${ }^{1}$-ah Kah-wod-wah -- powerful men
Kool-che, signifying good, 001-suo-too, bad, and Kah-moot-wah, power, strength, ability.
Hoo' -che Nong --ah Mee-wah -- a good honorable man.
Hi-yah'poo Koo che Hee-wah -- a friendly chief.
Hi-yah ${ }^{-}$-po -- a chief
Meer-wh -- friendly, honorable.
Fal-lee - a friend
Ro -chah
00 -chah
O house, hut, lodge or wigmam
Hoo - yan-nee - a village or collection of huts.
Too -no-tee - covering or shelter
Tor-le -- blankets
Ho -woo-too - beads, wampum.
Ong ${ }^{\prime}$-a-1ee - bow.
You/wah-loo--quiver
Mov K -a-lee - to sing
Soo - ye-nem - to wake
00/-nee - to come
Wo ${ }^{\circ}$-num - to walk
Mook ${ }^{1}$-koo - road or path
Hot 1 -tah - foot-prints, trail
Tand-oo-gock -- fatigue.
Tof-lem - relief

Chah-muck' - genersl name for food
$00^{1}$-woo - prepared food
Hah-kil-yin-nem - I am hungry
Hoot', or Hoot'-too - yes.
Net ${ }^{1}$-net - this
No -- no.

## Taylor -7- Tulare Lakes

Winn'-nee -- where or whence.
Win'/nee Wook'-soo -- where are you going?
7inn"nee Oofnee - whence do you come.
$\mathrm{Ee}^{\prime}$-zum -- up or above
Ah-10 -wen -- down, or below.
Keh-tol-wen - over, across, the other side.
Woo -di tch -- let us go.
0'-kas-see -- thank you
Wook'-sum -- good-bye
Mee'-kum - to get rid of.
Hoo-yah/koo - how do you do?
Koo/chiee ol-kas-see -- very well, thank you.
Paw'-too-luck-sick - expression of admiration or surpri se
Shawl ${ }^{\prime}$-pet - expression of cont empt.
Kah-nut/ - expression of disgust
Toke/-to-kah - a pest, a bed smell.
Ta-mas -kal -hot bath or sweat-house
Me-tor-kah -- how much? what is the cost?
Ah-mo-nay' - do you wish to buy?
Tee/-nay -- whet do you call it?
Woo /hoo Ah-wong' -ah - let us remove or change our dwelling.
Woo -hoo Ah-wongr-ah Kah-to-wen - let us remove to the other side
of the river.
Woo -hoo Wee'kum na Toke'-to-kah - let us get rid of this pest or nuisance.
Koo -chee, Skotch/-ja -- very good indeed.
Tee $/$-nay, Net $/$-net -- what do you call this?
Ko-sum $/$-moo, wal/lee -- a salmon, friend.
Koo $/$-chee Chah $/$-muck - is it good to eat?
Hoot $/$-too, Koo<chee Skotch'-ya -- yes, very good indeed.

## Taylor -8- Tulare Lakes

Hah-ki'yin-nem, Chah'-muck, Wal'-lee -- I am very hungry, give me food, friend.
$0^{\prime}$-kas-see, \#00 ${ }^{\prime}$-ditch, Tal-lee, Wal-lee, \#ook-sum -- thank you,
we are going, friends; goodby.

## The Mlements, Animals. Troes, etc.

He-ar-mah - the sun
Oot-nee He-a ${ }^{\prime}$-mah -- sunrise
Wook $/-800 \mathrm{He}-\mathrm{a}^{\prime}-\mathrm{mah}$-- sunset
K 6 -mah - the moon
To6-too-seh -- air
Ke6-koo -- water
Yan ${ }^{\prime}$-0-pah -- clouds
Ká-lah - snow
Kt-lah-wah -- snowy mountain
Si-wah -- table mountain
Wo-kel'-moo-tee -- a river
Set-sah - a creek
Ah-kah $/$-wa-100 -- a spring of water
$0^{\prime}-10-100$ or $t^{\prime}-10-100$.- a spout or jet of water.
Ham $-\mathbf{i - t e}$ - rapids or falls
Yo-ham"i-te - a cataract.
00-soómoo-te -- grizzly bear
06-woo-you -- the elk
Chod-koo -- a dog
Kot' -wah -- coyote
Kah ${ }^{\prime}$-choo-mah - wild cat.
Ep-plar-lee -- hare
Té-chah-soo -- squirrel

Lah-war'-tee -- rattlesnake

Hep ${ }^{\text {r-pe-seo }}$-- viper Yor-woo-le -- lizard
Ko-sum/-moo - salmon Ah/-woo -- trout
Kar/-kar-loo.
Hoo' - lo-wen -- general name for birds.
Loyd ' $\theta$-mab -- general name for flowers.
Woot'-s00 - an oak tree. Lér-mah - Willow
Nee' -nah-too-ya -- manzanito.
Sock $/$-ko - pine
Sock $(-00-$ too -- pine nut
Tulle, or Tob-lee - bulrush
Tow' -sa - a game of chance played wi th small sticks.

$$
\text { J. H. Re, Hi-yah }{ }^{\prime} \text {-po. }
$$

The Indians of the Tulare Lakes very likely made incursions into the territories of their neighbors of the Coast-range, between San Antonio and San Luis Obispo, prior to the arrival of the whites, and vice versa, as there are several good mountain passes in the above named district. This section of the State is still very little known to the public; the sheep-men and hunters say it contains much good pasture land -- we mean the country east of the Salinas river, from San Miguel, as far as the opening of the Tulare plains. Some of the old Spanish soldiers have told us, that the Tulare Indians and those of the Mission of San Miguel had had a similar language to each other. How far this is true, we are unable to say.

Alex. S. Taylor, 'Indianology of California', California Farmer, Vol. XIII, No. 14, May 25, 1860.

In a later issue of the Farmer. Taylor speaks of the "Kawmeyahs of Tulare Lakes.-A.S.Taylor, Cal if. Farmer, Vol. 13. No. 14. May 25,

## NAMES OF ANIMALS

Hoo'koo-e'-ko (loast mewan or Innetro)

| Bear | Koo-1eh |
| :---: | :---: |
| Coon | Hoo-ma-ka |
| Bob-cat | T0-10-mah |
| Gray for | Ah-wan-ke |
| Coyote | 0-yeh |
| Deer | Komsum |
| Gray squirrel | Sam-kow |
| Wood rat | Yu-100 |
| Brush rabbit | No-meh |
| Jack rabbit | Owl-yeh |
| Sparrow hawk | He-le-lek |
| Great horned owl | T00-k00-1is |
| Crow | Ah-wetch |
| Blue jay | Si-etch |
| Valley quail | Hek-elk-ki |
| Rattlesnake | 00-koo-1is |
| Common lizard | Pet-tan-yah |
| Frog | Ko-to-lah |
| Crab | Ah-mah-tah |
| Abalone- | Ah-wook |


| Redwood | Cho'lā |
| :---: | :---: |
| Douglas fir | Hoo-toos' |
| Live oak | Sah'-tah |
| Black Oak | Kó-tis |
| Tanbark | Kah-ta'-me |
| Madrone | Kah-kas |
| Buckeye | Ah'te |
| Poison oak | E-tŭm |
| Brake fern or bracken 0o'tŭk |  |
| Tule (big round) Lótkōs (A tule house - Lo'kus kó-chah) |  |
| Strawberries I'yum |  |
| Pinole of all kinds of small seeds |  |
| Pinole of tarweed seeds 0 -wah |  |
| Tobazeo (wild) $0^{\prime}$-yen-ki'-ah |  |
| Angeliea stem | Lo-kot-te or lo-kah-te |
| For est | Hōlimah |
| Chaparral |  |


| Ocean | 0-luk | Wind | Hen'nah |
| :---: | :---: | :---: | :---: |
| Salt water | Lé-wah | Rainbow | Kah-chah |
| Water (fresh) | Keek | Snow | Yah-wim |
| Creek | Chawk | Iee | Keillah |
| Spring (water) | Se-wah (Se-wă) | Hot | Wư-ke |
| Falls | Saw-10-10 |  |  |
| Deep | Loo-kis |  |  |
| Shallow | Et-tish |  |  |
| Wet | Moo-nĕh |  |  |
| Hill | Yo-kă pi-ēs | Valley |  |
| Bank or sliff | Sá-mah | Trail |  |
| Sand | Soó-koo-e |  |  |
| Mud | Lô-pook |  |  |
| Rook | Lưopü |  |  |
| Big rock | So-mo-10 |  |  |
| Flat rbok | Tā-өl-lă lŭ-pư |  |  |
| Salt | Koí-yo |  |  |
| Shade | Mólia |  |  |
| Eeho | Si-yu-kā-i |  |  |
| North | Kon-wim |  |  |
| South | 0-1um |  |  |
| East | Ah'lah |  |  |
| West | Hel-wah |  |  |
| Dark | Yo-tā or Yo-tăh |  |  |
| Fog | Yo-koop |  |  |

HOO-KOO-E-KO



## PRONOUNS

In addressing a person the Hoohooeko usually make use of the possessive instead of the second person singular. Thus, in the sentence"you are sick", the prououn used is oon' (yours) instead of me (you), the sentence reading, oon' toon-ne'ne instead of mé toon-né-ne.

Similarly, "you have killed" is oon' chet-tah-kah, not me' chet-tah-kah; and "you are cold" is oon'se-loom-ne.

Among the Tuleamme it is customary to abbreviate pronouns. Thus the second person me-kōts (you dual, subjective) becomedmöts, and me-kōn (you plural) becomes mōn.

Similarly the third person Mah-kots and mah-kōn (they dual and they plural, subjective) become kots and kon.

In Olamenthe languges is ans slighte different form keokeros Rogghy fiabip, ahest haff $t$ mabs aut came, couft thas then whin in Howleose ind in estis loseth tominal s. Thus the worde fur man and uanon an i- Holles, Ti-es ( $n$ Ti-is) and Koortà-is; in Olamenthe, $T_{i}^{\prime}$ 'e and kool $\bar{a}^{\prime} \cdot e$. Tooleammes in tund sefex-ph.

Thleamine
OUS man Nowimah
man $T_{i}$
moman Po'tse lyourymmanko'l ntife ko-tse (youmgmanko'lah)
Ten O-koo'-go-tse
The hady. He'nah
Shouldur O-yo'-mah
chem Sēp-lik
Hand 0o'koo
Heel Tu'-ne
Besbat O.loot
msuratinin Pow'we
star To'le
Burmed Tsoop'
Raod Ă-má'nă
and
ol
0
$T$
h
$k$
$k$
m
0
Koo'pe koo'pis

| O0.-koo |  |
| :---: | :---: |


Pi-e Pi'es
Hit-te Heitis
Hoo'le Hoo'lis
To'. we To' unis
Nak'-ke Nah'-kis

Horkoules
$0 i$ - yis
Ti-is
mem-poo.chis
Koola.is
koicles
Ké-chis
me.es.
0 - yo. wis

Too-nis
A'- nis


Interrelatienchihe
An examinotroin if th vocalmbariez of ther thins shous that degree of kinshif ofrees mite fresur gergeghie distrilution.

 and of the 3 tritus noobop Sam Fraicisa Bay th Tooleamime an seardet of kin tit hohozume than an $t$ Qlamentks and Hookooko.

 th fifur which $t$ atum dimeyed, then lime of dimygen ane chay indiatt:



The 0-la-yo-me is the ohly tribe of Mewan stock in which the word for people lacks the root me (their word for person being Ko ${ }^{\prime}$ tsa, plural $\frac{K_{0}-t s a ̆-k o}{}$ and $\frac{a m}{}{ }^{\prime}$ mah $)$. But the old root is not wholly lost for it reappears in me'-u, husband; me'u po'tse, married woman; and me'-u hel'-luk po-tse, widow. [Po'-tse = woman; hel'-luk=negative]]

The toohame if $\omega$ sug trik of $t$ stoch mos ming throt me
furf in (thun unch bimp Ko'tsa perien

+ Ko'-tsä-ks anl am'-meh feefa), lut rid noot ccifs oust is the ternat for marriud moman - mewi ah fó-tae; midour - mem' hel'euh pótse; ad mp hushaid - Kah me'-ü.

Redufbieation
Reptitus occuer Ifames ing inneleo feimily:
Trehamer
Olanters toolearliar
smet Koi-kaí
sam Soom.tsom
inte ki, ki
$k i-k i$
ki-ki
sefaten dolus
Red
Ke.chat'loo
Zun
L.o'-choo.tah
mhith
Po-tótah
Bech
Eo-koítah
haue wot $25 t$ ficlud then out of notalubies

## MIDDLE MR-MUK BRONOUNS

(Information from lim. Puller of Saulsbyville near Tuolumne)
Mŭ-wah singuler; Me-wuk plural.
1 person -- Keng-ひ̆ mu-wah; many people -- Üt-tuh mé-wuk.
The word Tuolumne me ans going on or among high hills.

1. man lost and turned around in his mind is Heng-e ling-e.

The sentence "I om not going." -- Wuk-suk-kŭ ă-wahng'kung.
$\underline{N \text { Neh }}=$ this.
Nes'sung or Nä-sung $=$ this man or this fellow (present).
Na-sung-ah (spoken by wife) $=$ belongs to him (him = husband).
$N e^{\prime}-e=$ him or this man (present). Him absent-Is'sah-gung ${ }^{T}$.
Nä-e $=$ here he is.
Nek'-kong = these people.
Is'sahk - that fellow.
Is-sah'-kung $=$ that fellow (him) absent (called E-gah'sung at West Point.
E-kok-kung $=$ that's them.
B-kong $-0-\overline{0} k=$ belongs to them two.
In-ne-ko - them over there.
Mon-nok'ko - who are they.
0 -té-meng $=$ We (two).
0-ché-meng =oure.
So-ket-te-ming $=$ we (plurel).
o-ti-goo-kung $=$ them two.
W. Fuller tells me that in 1848 and 1849 the miners in the region of Columbia and Sonora destroyed a number of Indian villages, and caused the removal to other places of Indians who were left.

As early as 1848 or 1849 one band was moved to what was aftrwards known as the Kenney rench in the Jupiter country. There were big chiefs there. Later a Scotchman came and plowed the land the Indians had settled on and plented grain there. He told the Indians he would give them half the crop if they would move to Bald Rock. They had to move and went to Bald Rock, where they established a rancheria. Then a white man known as 'Pap Williams' took out a homestoad claim on the lend they occupied. He had 4 deughters and 1 son.

In 1880 the Sheriff was prevailed upon to move the Indians to what is noi the village of Soulshyville. A little leter a man named William Showard cleared the land and moved the Indians up to above Puller's place. Then they were moved to Rippon's

## Tuolumne Me-wu 2

place. Then Fuller took them on his own place and kept them for some years. Then through my efforts and those of Kelsey of San Jose, the Indian Bureau was prevailed upon to purchase a small tract for them near Big Bald Rock where they established themselves. There mas no water at this place, but in the course of time the Indian Office piped water to them.

Indians in the Jamestown region fared similarly, having been driven from place to place.

He, present... . Nah hung
distant... $\varepsilon$ - In'me-hung
Absent..... ${ }^{\text {E }}$-hung

His, present... Nà.hing.í
distant... En.he.hung it-tä-hah
absent.... E-hung it tazhah
We, dual (you \& I).. mah-hé
" (address g jd person)..
We, plural..... mahihe'
9. Tor-ming of of in

Ours(yours \& mine).. mah-hing-mbltánahte
" (addressing id person)
 They, dual, present.. fu-né-kong. Nek'kong


They, pl, present... I'too-kong
distant...
absent....
Theirs, dual, present. . O-te-kong in-he-kong e-tā-ho
distant ..
absent..
Theirs, pl. present..
distant...
absent.

|  | Ko-kal-um-ne | Mo-koz-um-ne | Wipa | Yatch-a-chum-ne |
| :--- | :---: | :---: | :---: | :---: | :---: |

hiddh heruuek Mum'-méh
usd to hum deatipt hashito-not affigir.
Woman inth bleck fitch m fore, Naw'-choo-en'-nik.
The blede fra, Wah.Kaw'-ah.ne.
the hourmers, $8+7$, Naw'-chet-t ook.
Maurmiss hainp last a close retatim (fathin, nosthre, hushard, m mifh) - hoo'-wah-zuk.

The dancing merch oft hasurmeer, Koo'-nah.
steffing off, Sah'too.
Caftain off Yum'-měh (fremoni chage Poay), Ko-těh'-xhine
Head washu, Oopoos'-nook koopech
In head wesh has mithip ta de nixite mangenest of Yum'-me'h. He recime hay form och fura wesht
 Th machip memmens to dimh, it fach mood for $t$ fir.
Th bey, Y'um'-měh ( not Nah'-chor-ah, wh means

Mimak of hima (digger') names far liusply Bees. On fotainlans 4 motmmal $t$ in Yozennte, u-zu-mai-ti
ast lith saf , 0-er'-mai-ti

On Lantrizulk hered, $w h$-zh-mairtach stephen Powers, tilve of Valif. $\mathbf{p} 56,1872$

Woh-moh'-nan - Bip Ire - amehot
W. YOKUT STOCK

Yokut Stock: choo'-nut
hedand $\frac{\text { kipotas }}{\text { sotot simupe }}$
Noton-tish-ah tuhe.
moknotitikitothat Lage houl
O-ra Brattervech
anius Burdenchishot
Po-ke-us Hat
chah-pit Wimmoun
chahupi-in Paddh
Wats-us raffomenharhut
Owch mater lauth
shoungin Seary
Hapul mbith
Lin-ik-ö-geez Bloch
Tahikah-kah bleroum
ctrhigues luaymativid

$$
\begin{aligned}
& \text { Red frim muctiod } \\
& \text { Now. } 21,1904 \text {-couns }
\end{aligned}
$$

Chah-noot $\}$ Phenat
Choo- noot ranch near Kieal: Choo-noot $\}$ Herd ranch wear Kialia Lim amp. Tache
chou-tit' beó houl
Pow-ki-hí c
Ancus Bundin baakt
on eà sattures
Ti-wan Earbliptrary (civala)
so-pus-én Baddle
We-te-chut, cuf dhilhip
chom-pit wimmaner
Hig-li scoof ofome)
mono-Midits Black in heshot
choonabline hand
Red for-Anetead Nou y 1,1904 ath
X. SHOSHONE STOCK
x/23a-pp/BL20 Shoshone Stock
$10+2$


Whifudomy Pah!e-wut
TMondrax Koun'.bul
[ $V$ Yah chi i. whall : cactro meen]
vanue leoryans - Pah!kach
Cothril Tah'-mat
'Rucheruiftit Ter' e't
Yock fal Sewi-inh on Eroich
Mnifitis Tuk'kurul
Isfileyph Tuk' kmeremal
गradear tos'-nahil
red. Sq king'-ish
veay" Sik'.kam-mut
vopher met'
Vogy ow'wal caluer had by bus in)
Eeldingeg Ahs'-wut
'rach " Pah'-mono-is
Redtril Kunh-ahi


Shamanle Kel-lek-le-mal
Such kual Kis'.sel
houkh We'paninut
cupur Tuk': ve't-Kovikus(in)
Cetchats Yöng ăh .vis
dendoen Yoing avive unt
seubar moot
hyencof moit mal
Bamane chaht'
Theutgtes Tem-mak-ming'-nt
seamidin Ku'kul (Koo'kul)
Tandimin to'-mih
Thaver leh-al'-unt
'cuan Al'.wat
ftillen g chah'-Kure-o't afherere chi'chi Mijom Mah'ah
dearlacar Pak'ke-ōt
Taxdequäl Kah'-how-mut
Nal " Kah.'hahl

- Repor Mak'ㄹ. $=$-unt
vour maǩahilyel
Cergh Ke'ro-mahi-hut
choudiles Pul'.mich
'Poommell Kuah'-kunhat
cilaftes Tah'-ris
Inclawnes Sel'lem
Whyohates koorpah-nil
Sitta Chah'thah'thah
'turmele E'sahl
Qiole Am'-mus - mut
vamins Tet'-tan-mut
Bobul Pahctá-nis
Thrames I'-mah-lil
Swallam Sik-kiki:kue-nat
Siselia Yu-e'-ne-mateh
- otocaris Tā-ré-re



## THE SHOSHONIS

The Shoshone tribes include the Shoshone proper bands of northeast and central Nevada ${ }^{1}$; Ft.Hall Shoshone; Goseute; Panamint; and Comanche.

In this group the Fort Hall, Idaho and Nevada tribes show close agreement in their vocabularies.

The Goseute tribe of western Utah and the extreme northoutern part of Nevada has more different words though the majority agree with these Nevada Shoshone.

The Panamint Shoshone occupy the region south and cast of Owens Lake, and the majority of their words are in essential agreement with the Shoshone proper series.

All of the Shoshone tribes use many Piute words, but the Panamint vocabulary agrees in a few more cases with both the Northern and Southern Piute, and Goseute agrees in a very fey more words with the Southern Piute.

The vocabulary of the Comanche, nomadic tribe of the plains of Wyoming, Colorado, and New Mexico, seems to agree best with the Shoshone proper.

In this comparison the Comanche vocabularies abtained by Domenich and Whipple ${ }^{2}$ were compared with my Shoshone vocabularies. Although there is a great difference in dialect, about half of the words are fundamentally the same.

It is notable that the Comanche show a eloser agreement with the northern Shoshone tribes (and even in some cases with the Ft. Hall, Idaho Bannock) than with the southern tribes which are closer geographically.


## Pantilint

## mamalis: so total

About one-hal of the words in Panamint agree with SHOSHONE PROPER. $10+(13$ all oame)

About one-half agree with the PIUTE SERIBS. $8+(14$ all same $)$ 15? About one-half agree with the CHMMEFVE SBRIBS. $12+\left(14^{15}\right.$ ? all same $)$ About two-fifths agree with Gosente. $8+(13$ all oame $)$ About one-third agree wi th FteHall.Bannock. $4+(10$ all oame $)$ About one-foutth agree with Ute. $4+$ (s all oame)

## UTE

MAIN VOCABULAR:

9o About two-thirds of the names in Ute agree with the CHMARWEVE SRRIES.' $55+35$ all same

55, About one-third agree with SHOSHONE PROPAR. $25+30$ all same
33 About one-fourth agree $w i$ th the PIUTE SERIES. $3+30$ alloame
45 About one-fourth agree with Ft.Hall. Bannock. $15+30$ all same
24 About one-sixth agree with Panamint. $1+23$ all same
21 About one-seventh agree with Goseute. $1+$ to all same
13 About one-eight agree with Conanche. $5+8$ all same

44 About two-sevenths are essentially the same names in all or the majority of tribes.
. ('a feew unds's.agree only with s.tK. of Cherneureve group)

## PANMMINT (200)

MAIN VOCABULARY:
130 About two-thirds of the names in Panamint agree with SHOSHONS PROPRR. 81 +(48 all oame)

86 About one-half agree with the CHMEWEVE SERIBS. $46+(40$ all oame $)$
82 about two-fifths agree with the PIUTR SBRIES. $42^{\prime}+(40$ all same $)$
58 About two-sevenths agree with Goseute. $16+(42$ all same $)$
63 About two-sevenths agree wi th AtHall. Bannock. $30+(33$ all oame $)$
24 ibout one-seventh agree with Ute. $1+(23$ all came $)$

About one-fourth are essentially the same in all or the majority of tribes.

24 About one-eight agree wi th Comanche. ${ }^{15}+(9$ all oame $)$

$$
\begin{aligned}
& \text { bout one-eight agree with Comanche. } \\
& \text { ('a feur words agree with oV only of Pinte Senies 14) }
\end{aligned}
$$

## PT. HALL, BMNOOR

## MA IV VOC BULIRY:

103 about two-thirds of the names in Ft. Hall, Bannock agree with the PIURA SERIES. $58+(42$ all same $)$

70 About one-half agree with SHOSHONE PPOPER. $36+(33$ all came $)$ 55 about two-fifths agree with Goseute. $27+(28$ all same)
$6)$ About two-fif the agree with Panamint. $30+\left(\begin{array}{lll}3 & 1 & \text { all fame }\end{array}\right)$
47 About one-third agree with the CHMABNRVI SSRIES. $13+(34$ all same $)$
40 About one-fourth agree with Ute. $15+(25$ all same $)$
42 About one-fourth are essentially the same names in all or the majority of tribes.

25 About one-sixth agree with Comanche. $13+(12$ all same $)$

## American anthropologist

## orgam of

The American Anthropological association the Anthropological Society of Washington the American Ethnological Society of New York

LEsLIE Spier. EDitor Var Uwivensity New Mavan. Cown

## Dear Dr Merriam:

I am glad that you wrote me a reminder about your item Misuse of the Name Paviotso," By mischance it went into my files whereas it should have been returned to you for possible publication elsewhere. Please accept my apologies.

Dr C. Hart Merriam 1919 Sixteenth St. Washington, D.C.


Leslie Spier

## MISUSE OF THE NAME PAVIOTSO

The unfortunate term 'Paviotso' was introduced into the literature of Anthropology in 1874 by the late Major J. W. Powell who erroneously believed it to be the proper name--the name used by themselves--for the Pinte of western Nevada. But I have worked with these people for many years and have found without exception that they resent its application to themselves, saying that they are Piute, and that they never heard of Paviotso.

It is one of the many unhappy names that die hard-having been adopted for Piute by Pilling in 1885, Kroeber in 1909, Hodge in 1910, Dixon in 1913 and 1915, Strong in 1927 and 1929, Steward in 1935, and Park in 1937--thus continuling to the present time.

Briefly, Paviotso is a term used by the Shoshone of central Nevada for the Piute of northwestern Nevada. c. Hants Merriam

May 1937


IN ACCOUNT WITH

# FINE GROCERIES. FLOUR OF ALL GRADES, <br> Selected Feas, Pure Coffees, Spices, CANNED FRUITS AND VEGETABLES. 

And a F'ull Variety of Other Goods usually kept in a First-Class Store.
-GOODS PROMPTLY DELIVERED FREF OF EXPENSE.
$\frac{\text { Perton'-a-graz (Onens Kally) }}{\text { Painte }}$ Painte

Shoshone

1. Shem-mah $\left(\right.$ sem-mat $\left.^{2}\right), 1 s_{0}-d_{a} h\left(s_{0}-d\right)$
" Wah-hi"
2. Wa't

3 Pah-hé
3. Oait

4 Wat-Rig $V$
4. Wative
5. Mene-e-ge (hád)
) ( Neh . hoi ( wati).
7. Tah Hesue
8. Wah axe
9. Wean-nelkele
10. $s_{a}^{\prime}$ 'wan

11 Sem-ha-at-du-mily
in Wan-Xse-mit,
man 'Nonval ho.se-s. Tamy -um
Maman 'Heel'-pe $>$ Wi - ah
Fathu. E-Now-ahis Nulswah (Mab) Vah)
histhir \&Bee-ah $\checkmark$ Bee-ah
Erandmathir. Ho an- Be- too Sah-go
Erandfothir Nat-zu $v$ 2eh go
Huchand eqgo-ah untrmake nife.
\& Nah-rii-gua fö́bin-ahibe





Owens Lalley






$$
\begin{aligned}
& \text { manthorn Bits }=\text { Nalkervelly } \\
& \text { - Kuhm (lange + coarro) Won thagy" }
\end{aligned}
$$

$$
\begin{aligned}
& \text { sied fadda - cheigo - } \\
& \text { Rhaesk barkt - Mope } \\
& \text { What - Kak Xoourad-noo }=\text { chas- dah } 2
\end{aligned}
$$

$$
\begin{aligned}
& 5 \text { mi-ne-ge-gn } v i{ }^{\prime} \\
& 6 \text { Nap-pi-yu } \quad \text { CN } n^{3} c \text {. } \\
& \begin{array}{ll}
1 \text { Tehy-mana } & 7 \text { Che'-go } \\
2 \text { Weno } & 8 \text { che-d } \\
3 \text { Yadda } & 9 \\
4 \text { Osa } & 10 \\
5 \text { Ha-ha } & 11 \\
-6 \text { Op-ah } & 1 k
\end{array}
\end{aligned}
$$

Yad-dah cion stitchis $\operatorname{sim}$ apmint-indolayed Sak-yad'so-math "1/4 "-rits amall

Tedifendunce

- wa-mor doubh rin Poz'-on
- Agitt Buidmharlut Kobiun raud 'Mat 'Y-sap-on
- Big matra hotetr oisa
- Bowl-culimp af' (=koon-a-gib)
- Seed haddle - Tan-iko
hatote-maje $a^{h}$. Tua-za
im rullip stome. Too-sot


Hauthorm Puith


Hawthem Puith
Summer Tah-zah - nintus Toom-mah

Int : kí-bah
Vall 1 U-pwèhah (you-pwe-ha)
Coyne Te-hah-gab-lie
Lam (Walle). Rgh-neen-nud-dy
Bíy
Suall
Lierra
-Tee-chee
hict M.naya - ki-bah
hent - Hah-geh-e-tah
daik To-kah'ni-en-ne
Day - Teh-li.men-nig
Nich To-ahn-na
mit Teppa-Dah-riat-
ory : Suh-enf-fah

- Nqueen-ann-E-git
'S Pe tem-ägurate
-E Tah-mat-er-win-a-gnt com whK
- San-ah'-guan-nat

Wallu Lahi Biute
Wehai maiot-hi-ast-na Silech ". Ty - of wathah

- Bear - Par-oo - mah (gray)
wottion Kag-gue-do-har
coyoth - ह-jah'
fack rah. Kom-me
cottontil Tah.hor
Rat
- Kah-mà
house
- RQ, natz
ka jaissinat
- Qích

Babeat

- Tog-hor
beer
- Tra-heet-tah

Vel.' ' Shee-ge
Sagehen Hroth-ze-kà
Eyga.
- Quid-nab

Done
(Nakn-kie Riy Namel)
Hunimer Son-noirhi

Nallur Laki Rinta
Ratteswahr Tah-ò-gua

Finh
Lyand
11

- $a_{r}$-ri
- Te-hod'-za (bitar)-
- Rah-mi-dah

Nut fine Tew-a $h^{\prime}$-fe
cedar "Wahf
Ghathwahajen:. Tu-he eflithad.)
Pini mut • Pox-tchin-mah
Millen Lui-he
"

- Sar-dah

Kungy chä-yahich
Thimes

- hue-di-ah
- Yah-e-pah

Walku Kally Minte
forebse $z_{0-p e g-y y}^{c}$
ollman 'Wy-ch
"maman Teblehe-jith
Nea
Kair
hese miobe
Ear. Nok (kusele)
Eyt Bun-Kha
.
huast Be-heer
Com Puetah
houl. hiahee
$\ln \left(l_{\text {ami }}\right)$ M- $-\ddot{y}$ 'gish-ah
foot $a_{g}$ goon-gah
yefu be Rah-gab-he
Nelly, Q-häkr
Nech - La, tah
Stimech - ah-see' (minids)
Kushand - No-rig-gua
nife isp-mah
Buothe wosung-ah (ollileb-e-h)"
sister Bumpi Ho ham-maih,
sester "Eumpir ol'ham-maih,

## SHOSHONE

An account of the various dialects of the Shoshone family, their relationships, and grammatical formatdion.

Bancroft, Native Razes of Pacific States, III, PP. $660-379,1875$.

## SHOSHONEAN

Important matter descriptive of the various tribes or band $\boldsymbol{p}^{*}$ Vocabulary of 36 words on pp. 216 and 218.
Indian Tribes,
--Schoolcraft, I , 198-228, 1851. (Pp.205-228 are letters from Nathaniel J. Wyeth.)

Lebour I. Q. - Nocabulany of Snaler on Sho-Sho-Nay Rialuet.
$8^{\circ} \mathrm{ff}$. Lreen Rime, Nyamip. 1868.

$$
(9 \cot \text { at } 8 .=
$$

Dictionan-bocoliof Snake lagenage by Lranites stuat, in
$\frac{\text { Nontana as } \text { Lee }_{e}, ~ N Y . \text { ES. Weacattrac. } 1865}{\sqrt{865}}$

FARTY WEST - ORECON - Huntington (D. $B_{0}$ ) Vocabulary of the Utah ard Sho-Sho-Ne or Snake Dialects with Ind an legends and Traditions Inc cluding an account of the life of Wah-Ker and the Wah-Ker Indian War 12mo. half morocco, gilt. Salt Lake, 137\%. Very Rare

Funt,ingtca was ain. Indian Interpreter and spent upwards of 20 yrs in the Rockies among the savage tribes. Through this Ions ens action with therme was rittisd to prepare this recount of their Language traditions, and manners and customs. important and very. rare item.

| Rock-Temi-pe |
| :--- |
| Canyon-Ho-no-pe |
| Strajght-Dünanidah |
| Zigzag -No-min-duk |
| Long - Goo-bahi-dan |
| Lancur-Nugukkin |



Idaho Shashoue Nocab, by Nathanily, hyith vicimit of Fat thall, $1832-1836 .-$ Whysta io Sekocerafts 2nd. Trilus, But $I, 216+218$. 1851

All words firein (o.v. Pinte, Pamamint, awthom and or Wallar Pape Piuter) checeed with vocatuitaria. 7et, 1936

Shake Vocalnulay \& Dictimary
pry 2ranvilh stract
In hale entitud
Montana as it $2 s$ NY. e.s. Mescitf+G. 1865.
Love in: ind ficesty

Shoshom vocalleary (hinf) isemprain inutah. 1859.
(we heme cefy)

"Shos-ho-ne Langury"
hocab, of 27 mah dallueted by say i- 1819 M 182 - - In Long' Exphd. Ta Rochy nats, Pkila. FílI, offendion, $p$. $1 x$ xix, 1823.

An outstanding case of word borroving is the use of Yokut
The Northern Piute tribes comprise the Owens Valley bands at Bishop, Big Pine, Independence, and Lone Pine; the Monache tribes on the west slope of the Sierra; the more northerly bands at Mono Lake, Bridgeport, lalker Lake, Pyramid Lake, and Mal heur Lake; and also the Bannock of Idaho.

The dialects at Mono Lake, Bridgeport, Walker Lake and Pyramid Lake are in close agreement, and that of lialheur Lake, Oregon differs very slightly. ${ }^{\text {W }}$

The Bannock of Ft. Hall, Idaho, has more different words though the majority agree with those of the other Northern Piute tribes.

All the Northern Piute tribes, including the Bannock, agree with Shoshone in many words.

The Northern Piute and the Southern Piute (Chemeweve Series) share many words in common, but many important words differ, warranting the division into Northern and Southern groups.

In California the Northern Piute occupy the Mono Lake region and in Owens Valley, push south to the north end of Owens Lake.

While the Mono Lake dialect agrees closely with other northern bands, a chance occurs in Owens Valley.

The Owens Valley diulect shows close agreement with that of Wonache tribes on the west slope of the Sierra except of course in the case of certain words mainly names of animals that are borrowed from Yokut.
(1) Brief Malheur vocabulary obtained by Vernon Bailey in 18?
marmal names-and many bird names alsos-by nearly all the onache tribes, although the rest of their language is essentially the same as that of Owens Valley Piute, the borrowed words coming from the language of an entirely different stock. The Yokut words, however, do not carry over into owens Valley, except in very rare cases.

In nearly all cases where the Owens Valley words do not agree with those of their Northern Piute relatives, they agree with those of the Panamint Shoshone--their neighbors south and east of Owens Lake.

Exceptionally Northern Piute and Monache agree and are arrayed egainst all the other tribes, as in No-re, the word for house, while in Shoshone, Panamint, and Southern Piute (Chemeweve, Nuvahandit, and Newoogah house is Gah'one or Kah-ne.

In the case of a very few words the Northern Piute, Moneche, Panamint, and Shoshone agree, as in Tah'rah. stone arrowpoint, and Krénah or Kreng'ah, Hagle, while the Southern Piute tribes (Chemeweve, Nuvahandit, and Newooah) agree among themselves but have a wholly different word, as Hen-nab ${ }^{\mathrm{b}}$ or Wen-nap'-pe, stone arrowpoint, and Mung or Mü-ne, Bagle.

In a few cases Shoshone, Monache, and Northern Piute agree, as in E-jah or B-shah, Coyote(with Pakwazidje nearly the same, E-shah'vip), thus differing from the three Southern Piute tribes,
nome of
in which the ford Coyote is Shin-nay, and from Panamint in which it is Tab-bo-chap=pah and Shă-wi-pä.

In numerous cases Shoshone, Panamint, and the three Southern Piute tribes agree, differing widely from Northern Piute. In some of these cases Monache agrees with Northern Piute, in others with

Southern Piute, and in others still differs from both.
The Panamint. Pakwazidje, and Monache tribes share many words in common but differ among themselves in many others. Close resemblances are seen in the numerals.

The so-called 'KANGAROO RATS' (genera Dipodomys and Perodipus), are among the most widespread and characteristic of the desert mamals of America. They are strictly nocturnal and never seen in daylight unless found dead or caught in traps. Nevertheless they are well known to nearly all our western Indians. The Northern Piute of California call them Kó-dze, the Piute of Malheur Lake region, Oregon, Tah'ze and 还h-pó-tah-pi'-znah,
though the Mono
Lake Kootsahbedikka have another name also-- i'-e, like the Owens Valley monache Pi-é-ă. The name pí-e (also pronounced Bi'-je and pi-yŭ) prevails over an extensive geographic area, being common not only to the Northern Piute of Nono Lake, the Panamint of the Death Valley region, the Shoshone of central and eastern Mevada, and the Goseute of the Nevada-Utah border, but also to the Southern Piute Chemeweve of Colorado River, the Nuvahandit of Southern Nevada, and the Nuwuwah of the Tehachapi-Piute Nountain region. The first syllable Pi is used interchangeably as Pah by the Nuwuwah, Tolchinne, and Chemeweve, and the Maringam ah-e is of course the same.

Closely similar is the pah-ish--sometimes varied to Pah'yu-wit-of the Dow-we-yam of Cahuilla Valley and the Kahwesiktem of Palm Springs.

Wholly different are the Yokut nemes-Too-wi or Too-woi of the Chukchansy and Ko-sho-0, Tro-e of the Yowelmanne, and Too-maw-tă-mut of the Tahche and Tādumne (pronounced Too-mo-tomutch by the Tädumne informent). But these are not all the names used by Yokut tribes, for the iiktchumne call the animal Ko-sho-e
(the tribal name of one of the Yokut series), while the Yowelmanne use two names--the Tro-e already mentioned, and Koot-se, the latter practically the same as the Ko'-tse (or Kódze) of the Northern Piute!

The Tubotelobela name Pah-ust suggests the Pah-u-wit of the Palm Springs Kahwesiktem.

Kangaroo Rat

$$
\begin{aligned}
& \text { Shoshone } \\
& \text { VGoseute . . . . . . . . . . . . . . . Pá-yéy Pi'-yeh }
\end{aligned}
$$

## Southern Piute

$$
\begin{aligned}
& \text { Che-me-we-ve (Colo Kiver) } \\
& \text { chem- } \\
& \text { Che-me-we-ve . (Oro }{ }^{29}{ }^{9} \text { Pal Pand, Victorville) Pi } \quad \mid P i^{\prime}-a ̆
\end{aligned}
$$

## 

 Ki-var-its, M. Arizona - - Tà-ncä-tet

Kangaroo Rat

## NORTHERN PIUTE



MONACHE PIUTE


Sierra Monache



SOUTHERN SHOSHONEAN

Akatchman (Lui seno)

- Akat chman . . . . . . . . . . . . . . ---
$\checkmark_{\text {Pi-yum-ko (incl Soboba) . . . . . . . --- }}$

Kahwesik (Cahuilla)


Ketanamwits (Serrano)

$\checkmark$ Ke-tan-a-moo-kum . . . . . . . . ---
$\checkmark$ Mo-he-ah-ne-um \& Mar-ring-am . . . . . Wah'-ne? ${ }^{?}$ Pah-icht Pah-e
Yo-hah-ve-tum . . . . . . . . . . . .--
Koo-pah (Cupeno)
レKoo-pah ................ Tah'sil|Tes' seel

$$
\begin{aligned}
& \text { Tongwa Har" } \\
& \begin{array}{l}
\text { Pahar - - Pah-us't } \\
\checkmark \text { Tubt - }
\end{array} \\
& \text { Pad-ist }
\end{aligned}
$$

Among some of the Shoshonean tribes DOG and HORSE (both introductions from a foreign country) are known by the same name. Thus, at Mono and Pyramid Lakes and in Owens Valley, HORSE is PO'-ge or POO'-koo; while in Owens Valley and also at Mono and Walker Lakes DOG also is Pook' or Poo'-gee. ${ }^{\frac{1}{r}}$ Among the more southerly tribes--Chemeweve, Nuvahandit, Nu-00-ah, and Panamint--DOG changes to Pun-goo or Pun-goots.

But in Ute, Goseute, and Kivavits, DOG takes on a wholly different name--Sě-reets, Sah'-re, Sah'́reet-which oddly enough at Pyramid Lake becomes So-ró-buk, and at Ft. Bidwell, Să-ty̆--the latter close to the Sah'-doo of the more northerly Bannok.

[^2]
## X/23a-pp/BL20 Shoshone Stock

$20+2$



## YOKUT TREE NA ES USED BY THE SIERIRA HONACHE PI JTR

Word
Yokut word use by Sierra Monache Piute

Numerals indicate number of monache tribes in which Yokut word was given. (Vocabular es obtained from seven Sierra Monache tribes.)

## TRISK

Digger Pine ...... . . Moo-nahp ${ }^{\prime \prime}(4)$ similar to Yokat Too-nah or ion ${ }^{\prime}$ Sierra ir ...... *Kah-hōv' (2) similar to Kah-ho of Yolyut Chokiminah and Choenimne
California Laurel .....*lo-dzib' (5) similar to Yokut Naw-witch'
Dwarf $4 \mathrm{sh} . .$. ..... $\left\{\begin{array}{l}\text { Chin'nish-shébah (2) } \\ \text { Kim-mish (1) }\end{array}\right.$
Tiedbud . . . . . . . . *Rah-kah-bah (6)
Buckbush ....... *H0'mo-nab-be (7) similar to Hoom-nah of Yokut
 Buckthorn .........*Taw-nup (5) similar to Tó-wud of Yokut sourberry . . . . . . . . *Tah-kah-te (2)
Turkey Mullein ...... *Yow'a-hahb ${ }^{\prime \prime}(4)$
vild Oats . . . . . . . Hónas'min (6)
Indian Whiskey ...... *lan-nah'-ne-bah/similar to Yokut Kah'ni Wild Grapevine . . . . . *an-nă-tap (3)
Tarwec .........*A-mah-tsć-b'b (3) similar to Yokut Ah-maht'r
 also given in Owens Valiey.

* Words marked with * are words of which no Piute names has been obtained either from Owens Valley or from Northern Piute.

```
\mathrm{ not checked with CHM}
```

Vocabularies from the following localities were used in this study:

## NORTHERN PIUTE

of Bannok, Ft. Hall, Idaho
on Burns and Malheur Lake, Oregon
okFt. Bidwell, Cal ifornia
or. Pyramid Lake, Nevada
ok Walker Lake, Nevada
ok Bridgeport, California
ok Mono Lake, California

## Monache Piute

okOwens Valley: Bishop, Independence, Big Pine, Lone Pine ok Nim, North Fork

Ko-ko-he - bah, Toll House, Burr Vall ey
Wo'-po-nutch, Kings River Canyon? Em'tim-bitch, $\left\{\begin{array}{l}\text { Dunlaple } \\ \text { Drum Vall ey and Mill Valley? }\end{array}\right.$
ok Wuk-să'-che, Badger, Eshom Valley

SHOSHONE
ok Panamint, Death Valley
ok Pak'-wa-sitch, Olancha, Owens Lake
ok Shoshone, Ft. Hall, Idaho
ou Shoshone, Central Nevada
ok Sosone, Ruby Valley, N E Nevada
of Goseute, Deep Creek and Skull Valley, Jtah

## SOUTHERN PIUTR

New-oo'-ah \& Tol'-chin-ne, Piute Mt. Kelso Creek,
Nu-vah'-an-dit, Ash Meadows, Las Vegas, Nevada
Moapariats, Moapa
Chemeweve, Colorade \& Mohave Rivers, and 29 Palms Ute, Uinta and White River

Siv-vits
$\underline{K i-v a v-\nabla i t s}$

## TUBOTELOBELA

ok Tu-bot' $-\frac{e-10 b^{\prime}-e-1 a, ~ K e r n ~ V a l l e y, ~ C a l i f o r n i a ~}{\text { a }}$ Pahn'ka-la'-che, Upper Deer Creek?

## Ketanamwits (Serrano)

Ke-tan'a-moo-kum,
ok $Y$ u-hah've-tum, Bear Lake Valley
ok Mo-hin- $\theta$-am, Mission Creek region Mar-ring-am, whitewater?

Kahwesik (Cahuilla)
WKah-ne-ke-tem, Banning
$0 \times$ Kah-we-sik'-tem, Palm Springs
Pow-we-yam', Cahuilla valley?
Akatchman (Luiseno)
Pi-vum'ko, San Jacinto Ruer, Sobota?
Akatchman

## KOOPAH

OK Koó-pah, Marner Hot Springs, California

TONGVA (Gabrieleno)
Tongva,

YOKJI
or Chuk-chan-sy, coarse Gold
ok.Cho-e-nim'-ne, Will Creek, Cower?
ok Cho-ki-min-nah, Squaw Vall ey
ok Ko-sho'-0, Letcher
okWik-chum-ne, Lemon Cove, Kaweah River Tin-l lin-ne, Tejon Canyon?
OK Ta-dum-ne, Visal ia
or Ketch- $a^{\prime}-$-ye, San Joaquin River above Millerton Tah'che, Tulare Lake, NW
Choo-nut, Tulare Lake NE
ok No-tu-no-to, Kings River at Kingston, Laton Yo' ${ }^{\prime}$ koteh,
ok Iow-el-man'-ne, Bakersfield
ok Too-101'-min, Kern and Buena Vista Lakes
or Ko-yet'-te, Porterville
ok Pal'-low-ram-me, Poso Ilat and Bakersfield plain
ok Yow-lan' ${ }^{\prime}$ che, $N$ and S Forks Tule River
add Muvan


A monache-yokut Puzzle- A Noteworthy Case of Word

The Bears
The Raccoon
The Cougar The Bobcat
The gray 7 ox


The Coyote (and Mink?)
The Bear Skunk
The PReSpotted skunk
The Badach
The Weasel
The Deer
The Antelope
mt. Sheep
Lane gray.
 Preset Goplur

Monache
"WESTERN MONO"
It is the custom nowadays for both whites and Yokut Indian residents of San Joaquin Valley to speak of Indians of the adjacent ${ }_{\wedge}$ foothills as "Piutes" or "Mons," and equally customary for California anthropologists to apply the name "Western Mono"to these same people.
max
Theosianthropologiste assume that the "Piste" tribes and bands they call "Western Mono" were derived from the so-called Piste of the valley of Mono Lake. This is implied not only by the name they use--Monen $n^{n}$-but also by the implied assumption that their dialect is the same as that of the Mono Lake Piute. Comparison of the two dialects however shows marked differences.

As a matter of fact, not only $\int$ ar the sheath Shoshonian Indians of the west side of the High Sierra dialectically different from that of their relatives of the Mono Lake basin, but that ic cemparieon-ahorg-time agrees mach more closely with that of their relatives farther south-those of Owens Valley.

The lofty passes of the High Sierra in the Mono Lake region seem to have proved an effective barrier. But a little farther south some of the high passes leading from Owens Valley to the west side are known to have been used by these Indians, and a study of the dialects on the two sides shows close relationship.

Inse well known but equally significant is the circumstance that very many words of Mono Lake Piute differ materially from those of their relatives in Owens Valley in spite of the fact that-mo-morntaing-interfene.

## "WESTERN MONO"

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Rhee Pathropologists assume that the "Piute" tribes and bands they call "Festern Mono" were derived from the so-called Piute of the valley of Mono Lake. This is implied not only by the name they use-Mono-but also by the implied assumption that their dialect is the sane as that of the Nono Lake Fiute. Comparison of the two dialects however shows marked differences.
is a matter of fact, not only are the dialects of the
Shoshonian Indians on the west side of the High Sierra dialectically different from that of their relatives of the hono Lake basin, but comparison shows them to agree much more closely with that of their relatives on the south--those of Owens Valley.

The lofty passes of the High Sierra in the ono Lake region seem to have proved an effective barrier. But a little further south some of the high passes leadig from Owens Valley to the west side are known to have been used by these Indians, and a study of tho dialects on the two cides chows close relationship. Less well known but equally significant is the circumstance that very many nords of Mono Lake Piute differ materially from those of thoir relatives in Owens Valley in spite of the fact - that no mountains intervene.

Rum body mijut amey
$\left\{\begin{array}{l}\text { Year afors fut baves - nicchoshat }\end{array}\right.$ $\{$ Bijtinthohe come hide bealst insees Poi-no 5

at likers - Pinte $\left\{\begin{array}{c}\text { ance ar Bifline }\end{array}\right.$


Rond mot Kanc Sthoohame - mortlinely
Pi-yooch ach muadeuns te (not mosto )
Ou Dvprofe Eexfuin tor-Lida
WaR ffo bat - dint = Qusen hal.

Nietoniee wome Is legt
Pi yu'tse $\left\{\begin{array}{l}\text { magherean ach tuadems } \\ \text { mat }\end{array}\right.$


Bun'zah = fhor our mumbi'b Rd mot

Hot So'pah us Re. mot Sawt (zaht') te gah beld tim Gaed rou-d head. Pi-gu'-che vetans th crava añt + sauaspo $/ f 8$-Kah'lle-ge'-ah

Gound in kan flexfohmen coga yfur veris.
Buinout- Slosh it trout good ilip fine cora unde t- tanant
tay.
tak liben tuia cis bigen x bil 1/2 how . cone + dina.
Trastivish - Ptroreatinatic
 blen rumere
9 hundiehif it 20 yound!
antreah ayonthat
Na pood th comentio thinf munst que facl.
Irout Cant timenal yro.
drue hanafecarga buin enm

Telendenching, $N . Y$ or harela.
Igo in sum hale - rutifothyenche 2 ancm-byod - noxaypford.

$$
\begin{aligned}
& \text {. An } 11 \text { 1932 AV } \\
& \text { Soccaton snass - Mo.rump } \\
& \text { seed cookt teata moino }
\end{aligned}
$$

Cane - Haw wo'be
The sugar Pe-hah'-ve
Inak arnoms of vitum
Sact gram Pah se-0.tumi seltingar - ".."." be'harive mated Afutanat terefo cinpoirtoge 4 Hasdear
Yerb-a mahnetws whefertion thatestrag - TOO'pan-nip.
urachfo sherwhem +hones red erosets baildfuthe "imnish Lieh" red lopsanues

Qpocynmingouns in unt very leafy fot stray for rope
Wrish-shiv-ve (Wish-shevimp flant)

Pakmasitch
Sregory of Olancha Ce. ariginaly for Koso.
D. V. Panamint dant clain amy turitory south of Saratega sfgs.

Dev: Aftow bite of Baly minamen dant sot mesth gruese for 2 momoes
$=\$ 0$
hurih thentinitip, de'st coolentdont Eat mest

Old time Snmet homce: calludule-ducki-kah in dintuval.
 Une the one or Enemecec toun sthin bobey. Big - $k$ z 20 . Framin posts miat bunce ee ronf entop a coundivis swen. Ijght. aftrentif, jump $=\left(\operatorname{con}^{2}\right)$ untur Loofle dinat ence dog.



Rovinatvalt $B$ sitan - Pan'no-wä P ars. Fish hahe (RiRus)
Louplial + mone hake Pag'ge wouz-zop,
faner 't hen koty's men Leida,
 chamitimico sc.

Then Strecten Qceamidi chlif kore 227S Oum mititahes.

Pameramit ov:
Bountanies:
Dsef sfy wel - ours
Oluens bake ale oues (to kone finie)
Armica \& Kossídanceas us'
Ita hiesenhatex - Pah.boon'idah ames

EMal koro mos,
$\sqrt{\text { atrifelea cmercens - Se'gum up. }}$
Jkeinn-Ko'mahkah'zah
Lam Rim.
"Water hole a far (wat) sidis saliner val. ourz"."

1 Ammpora tribe Pl-yū́ch - Lame Pahomf Evegas.
Disite lemansal - Parinä-N $\bar{a}$


Nolduld-dif Settyp + def pie Lis
Cunanuty (Ahpilahe) not ours -iluempottan kidh
I Coun hesple faty chavol kelminhber hot enomer.

Panamint
War Nev've.ding'an Panamint
位 beght sontins wix kenval tiles
$\checkmark$ sigual Fire Korkwépe bianinah

- Sumek Pas.so'im
$\checkmark$ Meadaur Pwing'-quen-dă,
Volsent: Pag-sah-tipty SaltRraed Pat.tol. 8 hum trader

En-thquales Yu'mak guni-dĕ
$\sqrt{\text { Clondy Prgigemah ipah }}$
VFog 'Wuk'-kan-napipah
NRain Ü-wahi dah \& CUn'mah Qk
vishotar mare Now-wit'tǎ we wh
rhield: Yáhing:ant I VYamibah
- Tamer kā-yami-bi
$\alpha$ Sanferons Nud-e'lwan
56 Premanan
$\sqrt{m e}$ - $\operatorname{Nu} u^{\prime}$ ?
$\sqrt{\text { You-unh' }}$

Manted:
Panamint
dFire $\left\{\begin{array}{l}\text { Konto! hah } \\ \text { Kah' - tox }\end{array}\right.$
WMani koo'te.soo
Symablalet Tooknónerigat $J$ tater $\left\{\begin{array}{l}\text { Tolahn-rip } \\ \text { Dow'-ah }\end{array}\right.$
varous - - Ho- wali - pe ok
$\checkmark$ Sronetioint of arrow: Tah.kahnite
$\sqrt{\text { Clactas ame Noverable }}$
N(Head denent:- Jen-san'inah (Cranothath cheeac)
Thesterbel: Sel-wo-sation
Coakinherat
$\operatorname{sem}$ [P]

TEbrace cale Saw'.go. Home thahe
solt'Ko-ah'm
"'farsult grame SSe'yu. tum' beh
P 30 :
 Frodersucdind: thenewboud ton thand - Yes

Cyranis Lake funt
Pan-na nud'd kwik-ti-kno = Rlicen
$\left\{\begin{array}{l}\text { Koo-yu'-e wetit kuddy .... Suclue Eatars }\end{array}\right.$ caled Koo.gu'e da-kah by Momor haha kits

Foct Biduce Picti
Te-ze'-ah.mus
Ke.didi-ah.kah - Enomokhog
Ketā ( $\left.-\mathrm{Ke}^{+t u^{\prime}}\right)$
Monthok linth
 Qloo cellad Too'nă gathat = Pinemorezas.

Big Pire, Owens Valley
Told mely Big Pime Piute:
Names of places ort bands:
Benton: Ut'te urive we'ter Conly frichillot-ra, itu ther name.
Bishop: Pä.rib'Hl-să-ge (only elighoy diffure t- Bentan)
Big Pine: To'bo-hah'ze (To.bo'-ah-haz-ze)
add nevima forta-finfer (in all).

- Independence: Chuk'ke sher'-ré-kah' (acoor eaters)

Lone Pine:
Olanche dowens Lake .. - Pah-kwah'ze neu'mátanamint
"Reach nomer te hend of ter hit not to Lom Pine".

North of Owens Valley

- Round Valley: Kwe'-rah-bak (Kwe'-nah-pat'-se)
add nexim furpoople Talk eane Big Pine band.
Fioh "Bigdith"
$\checkmark$ Long Valley …Pahng'.we hioo pith" (adk neim fur fraple) Talk lisendiffume ("meflimelishmonolak")

Monotake:

$$
\text { Whlour uatalily }- \text { Yoncapin }
$$

accordiy to Katulum Ludmich (tald me by alice Easturod guly $\mid 1827$ )

Hennie Diegi, ayy intrequs Pinte at busho, teeesme tuat his ferple call the retas than witen mett bid $y=$ shine, Pan'-nah-gwit'teh, thi refin te La mionoshe Nim (orMecem) of North Foon Se-forquitiol

Bishop Piute
Information obtained from Harrison Diaz, Bishop Piute, Bishop Calif. May 22, 1935. J.b.C.

The Piute of Big Pine tell me that their name for $a l l$ the Indians of OwRes Valley from Lone Pine to Bishop inclusive is $\mathrm{Pi}^{\mathrm{y}}$-hoop-pe-from pi-ah-hoop, a sth, ong, gulch or valley.

That their neme for the Indians on the west side of the Sierra about opposite Big Pine is Pań-nan-nimapparently the Nim of North Fork. 1.

That their name for the Indians in the mountains west of Lone Pine is Monache 2 2

1 Harrison Diaz, a very intelligent Piute of Bishop, tells me that his people call the related tribe on the west side of the Sierra, Pan-nah-gwit-tah, This refers to the Monache Nim (or Neum) of North Fork and related bands-but infermant does not recognize the term Monache.

2 Many yoars ago the Tu-bot-e-1ob-e-1a of Kern Valley told me that the Monache lived north of themselves.

$$
\theta \wedge \text { (acorn eaters) }
$$

Chek-ka-shar-rik'-kah = Independence $\wedge$ (acorn eaters)
Pé-tud-de (south) $=$ Big Pine
Pé-tud-dah-gwet'te $=$ tribe at Big Pine
To-bo-haz-ze $=$ little hill or place south of Big Pine
Pow-wah-hah-buj'-je $=$ Bishop
KM-nah-bah = Round Valley
$\mathrm{Kwe}-\mathrm{nah}-\mathrm{bah}$ 'te $=$ people of Round Valley
$\underline{K w e}-j a h-b e-r i k^{\prime}-k a h=$ Mono Lake larvae eaters
$U t^{\prime}-t \theta-o o r^{\prime}-r e-g w \theta t^{\prime}-t E=$ Benton tribe
Ut-te-gwah'té (hot spring) = Benton
Benton people talk same as Bishop and also same as some Northern Piute."
$\frac{\text { Pah'mah-gwit-tah }}{\text { Pa-n } \alpha \cdot q \text { quit-t }}=$ North Fork people (people on west side) $=$ Nim
"Pah'-mah-gwit'-tah used to come through Piute Pass and Mammoth Pass. Used to visit here quite a bit."

Monache $=$ Didn't know the term

## Bishop Piute

Information obtained from Harrison Diaz, Bishop Piute, Bishop Calif. May 22, 1935. J. L.C.

Moo-zah = sweathouse or roundhouse underground
Taw-né = Same as Moó-zah but smaller. Used all over valley to live in-sleep in nights.

Te-bó-ge caves under rocks west side valley. Cache. slept in sometimes

Yam-grad'-zah $=$ frog

Paht-so-ah-owah Water babies. "Like human babies but live in water. You mustn't tease them or they'll pull you in. There were some on island on east side of Mono Lake. Small like babies. This was long ago."

Tös-so-toi'-yah $=$ White Mount ains
Pah-bi-toi-yah $=$ Big mt. in High Sierra range west of
Bishop

Pé-ag-gah $=$ pine tree worm. Roasted alive and eaten. Dug trench around tree and when worms come off tree to go in ground they are scooped out of trench and thrown on fire for little bit; then dried and eaten. Long time ago . Not now.

## Bishop Piute

Information obtained from Harrison Diaz, Bishop Piute, Bishop, Calif. May 22, 1935. J.L.C

## Prefixes

$$
\begin{aligned}
& \frac{T a h^{\prime}}{\overline{\underline{E}}^{\prime}}=\text { our } \\
& \text { 'ु }^{\prime}=\text { your } \\
& \overline{\underline{U}}^{\prime}=\text { his }
\end{aligned}
$$

Nug-geh-nö-be $=$ circle or corral where dances were held. (Dances always held outdoors)

Sah'tke $=$ Small raft made of green tules. Used to carry things across river. Nuts, acorns and so on put on raft and someone swam behind and pushed it across.

We had war dances but never fought much. Some fights with White People.

Pe-dah-né-tè Emetic (Sagebrush and some other roots boiled together) That's the way they used to doctor each other long time ago."

Tü-hoo'-en-nō $=$ Trap. Flat rock baited on little string tied to rock. When string was pulled rock would fall on game. Caught chipmunks, grnd. squirrels, woodrats.

Cached pine nuts in caves
Used baskets for roasting

## Bishop Paiute

Information obtained from Harrison Diaz, Bishop Piute, Bishop California, May $22,1935 \mathrm{~J}$ b.C Strayent;
To-ish'she $=$ pipe. Made from cane. Filled hole with tobacco and smoked it.

Nah-kah-goi'-yah $=$ oar ring
Used paint on faces but very little tattooing. No nose sticks.

Didn't burn dead. Buried them in ground.
Is ${ }^{\text {- }}$-shah $=$ World Maker. "Ish-shah was always making trouble and getting into mischief. He had a brother who had sense. His name was $\mathrm{T}^{\mathrm{a}} \mathrm{m}-\mathrm{pe}$. Taw -pe gave Ish'shah good advice about what to do but he didn't do it and so he got into lots of trouble and mischief."

## PIUTE NAMES FOR THEIR OWN BANDS

Benton Piutes

Piutes in Mts, N
of Benton Vailay

Bishop Creek Piutes Pe-tah' - nă -gwat
(south people)

Pe'-sahp-oo'-at'-te Neu-mă
$0^{\prime}-k a h-v i^{\prime}-d a ̆-k a h$ $\mathrm{Pa}-\mathrm{de}$-woo sá-ge

Bridgeport Piutes

Kwe-nä-gwut
(north people)

Carson Valley Piutes

Deep Spring Valley
tribe

Eshom Valley Piute
tribe

$$
\begin{aligned}
& \text { Ut'-tă-oo'-le gwet'-tah } \\
& \text { Ut'-te ur'-re we'ta so celled by Bishop and Big } \\
& \text { (named from Benton hot } \\
& \text { spring })
\end{aligned}
$$

by Lone Pine band
by Mono Lake band by themselves
by Lone Pine band
by Bishop and Big Pine bands

Fish Lake Valley
tribe t Bic Pine) Š̌-ve-nă-owet'-tah
(name as at Big Pine) Sĕ-ve-nă-gwet-tah (East)

Independence Creek Piutes

## Long Valley Piute

 nerville
## Mono Lake Piutes

Too-ne-ga-bah' (pine nut eaters)
Koo-chab'-be
Kwe-chad'-dĕ-kah
Koo-chah'-be-yah-wah-te
Neu-mă
Kwe-chah' dik-kah
Tu-ne-gab'-bah
Poo-tsah'-be te-kah'
Koo-zab'-be te-kah'
"Mono" of North
Fork San Joaquin

Neu-0o-ah, Piute
Mt. tribe
Pag'-we-ho

Po-ag'gah-te-kah ${ }^{\prime}$

Pan-nah'-gwaht(south people)

Neu-mă toi-ab-be-mah (mountain people)

PIUTE NAMES FOR THEIR OWN BANDS

by Mono Lake band
By Bishoo and Big Pine bands
by Lone Pine band
by themselves
by Bishop and Big Pine bands
by Lone Pine band,
by Biahop and Big Pine bands
by' Bishop and Big Pine bands

## PIUTE NAMES FOR THEIR OWN BANDS

Oak Creek Piute
Tak'-ke-sev'-vuts
by Lone Pine band

Pyramid Lake Piutes Koo-yu'-e-dik-kah (sucker eaters) by Mono Lake band
(north)
Kween-ag'-gwe-tah
A-vídik-kah (fish eater)
Ah-gi-dik-kah

Ag-gi' dik-kah

Round Valley Piutes
Kwe'nah-pat
Kwo'-nah-bak
Kwe'nah-pat'se
Kwe-nah pat-se

Tah-bah-nah-gwă-tě(east people) by Mono Lake band
by Bishop and Big Pine bands
by Mono Lake band
by Bishop and Big Pine bands
by Lone Pine band

Walker Lake Piutes
by Bishop and Big Pine bands

Prepared by.U. S. Forest Service (J. P. Martin, District Engineer and W.W. Blakeslee, both of Ogden office, Utah), assisted by C. L. Christensen of Moab and Jacob Crosby of Kanab.

## DICTIONARY <br> of the <br> PIUTE INDIAN DIALECT

English
Afraid

All gone
A little way ${ }^{\text {. . Mab-a }}$
Angry To-buck.
Another
Antelope
Any
arrow point
Awl
Are
Bad
Badger
Beads
Bear
Beaver
Bed
Big
Bite
Black
Blood
Boat
Bow
Boy
Brass
Bread
Break
Bridge
Bridle
Brother
Buck (verb)
Buffalo
Camp
Candle
Cane
Canter
Cat
Cedar
Center
Chair
Cheese
Cherry
Chicken
Chicken

Indian
Chi-dir
Mah-no-nah
Topic-quay
To -buck.
Ker-mush
Wan-zitz
A-shan-tig
Pan-now-ump
Tee-uds
que-pan-nump
Katz-at
0-num-buds
Iso
Queo-Eand
Pow-inch
Sham-up.
Pe-ap
Keas
Toques
Swap
Obi-shock
Ads
Ipeds
Wah-ker
Te-sêiut-cup
Ko-poke
Oyem-poshag
Timbi-up.
Pa -vets
Po-cha-na-qui
Qiuntsen
Meah-a-bitch
Wighty-aump
Nan-ze-pop
A-poo-yah
Moo-chich
पар
Toterymudunt
Carry-aump
Ka-s00ch
To-nump
Cam-boonk
She-jah

English
Chief
Child
Children
Circle, round
Clock
cloud
coach (wagon)
coat
colt
comb
Come or go
Corn
Cottonwood
Creek (river)
Cow
Coyote

- Crow

Cut
Dance
Daylight
Deaf
Deer
Devil
Devil
Do
DOg
Door
Dream
Drum
Duck
Dust
Eagle
Ear

- Earth

Eat
Egg
Elk
Equal
Eye
Face
Fat
Father
Father

Indian
Ne-ab
Tow-ats-en
I-pats
Que-o-kent
Tabby-nump
Pahger-mump
Poken-toyen-bongo
Yah
Cower-o-wets
Nanz:I-riump
Pi-ki
Come
Sho-ap
No-quint
Quitchum-pongo
Chenab
Attow-knots
Ska-ba-nunk
Weep-pi
Tasha
Katz-nan-ki
Re-ah
Shin -nob
Win-00-pits
Man els
Sar-rich
O-ra-mop
Nomi-shee
Quetumbinump
Trig
0-coomp
Quap-a-tich
Nan-ku"bah
Tee-weep
Pockets
No-purb
Par-ri-ah
To-na~ba
Poo-ye
Kombub
Yope
Momance
Mont


| English | Indian | gnglish | Indian |
| :---: | :---: | :---: | :---: |
| Rabbit | Kum | Table | Tick-i-nump |
| Ram rod | Sku-r i paump | Talk | Pah-shan-eri |
| Pattle snake | To-ab | That | Each |
| Red | An-kar | That one | Each-utta |
| Red shirt | An-ker-tah | Thunder | O-nomint |
| Resurrection | Man-no-nah-qyr-a-ky | Throw away | Tur-rebuby |
| Ride | To-spee | Tickled | Tick-i-boo |
| Roan | Ash-sheet | Toad | Quan-nump |
| Rope | Tshap | Tobacco | Quap <br> Shin-0p |
| Sack or bag | Co-mab | Tooth | To-wagg |
| Saddle | Carri-nump | Track | Nam-pab |
| Sage brush | Nahb | Trade | Na-ra-mop |
| Salt | O-ab-bit | Trail | Po |
| Shady | Wah-bab | Tree | Nah-goots |
| Sheep | Can-na-rich | Trout | Atem-pah-gar |
| Shoe | Moc-ca-sin | Two | Nan-na-su-ius |
| Shoot | Co-que |  |  |
| Shoot | Co-qui | Want | Catch |
| Shot-gun | Pant-tum-bi-00 | Warm | Coo-too-rich |
| Sick | Puck-kon-gah | Water | Pah |
| Sinew | Tammo | Watermelon | Chan-ti-cut |
| Sister | Nap-cheech | Way over there | I-ban-tik |
| Sleep | Pomee | Well, a | Oroc-kent |
| Sleepy | Ep-weh | What | Im-op |
| Slow | Shan-neach | Which (one) | An-nie |
| Small | Me-poodg- | Thiskers or hair | Mun-chum-pi |
| Snow | New-wappy | Whiskey | Koon-ah-pah |
| Soap | Nevaraga-nump | White | Tsharr |
| Spirit | Mo-ap | Why | A-co-na-gi |
| Spoon | Moon-200 | Wife, woman | Squaw |
| Spring | Spits | Wild | Yumbangi |
| Spring | Shpee-kin | Wild goose | O-bi-nunk |
| Stars | Poo-shits | \#illow | Kanab |
| Stirrup | Tangi-nomp | Nolf | Yoants |
| Stomach | Sow-i-ab | Wood | 0-pti |
| Stone | Timp | Work | Poh-jen-ki |
| Strong | Narrient | Write | Po-quint |
| Sun | Tabby | Writing | Po-quint-man-ek |
| Sundown | Tabby-eiquay | Wrong | Katz-dat |
| Sunrise | Tabby-moushy |  |  |
| Sweets | Pi-ag-a.ment | Yes | Oe-wah |

Received from Will C. Barnes, Forest Service, Jan. 28, 1926.

# UNITED STATES DEPARTMENT OF AGRICULTURE <br> FOREST SERVICE <br> INTERMOUNTAIN DISTRICT 

monger entice Builoime
OGDEN, UTAH


November 23, 1925
BM $\quad$ November 23, 1925
Maps
Geographic Names

Forest Officer.

Dear Sir:
There has been assembled an incomplete dictionary of the Piute Indian dialect for your convenience in Dining new topographic features. This should be of some help in cases where it has been difficult to originate names, and will meet one of the recommendations of the Geographic Board. winch favors the use of Indian names.

These names are suitable for any Forest in Utah and the Kaibab Forest in Arizona, as this region was once inhabited by the Ute tribe.

It is recommended that the longer names not be used. or those very difficult to pronounce.

The Forest Service acknowledges with thanks the assistance of Mr. C. L. Christensen of Moab and Mr. Jacob Crosby of Kanab in making up this dictionary.

Very truly fours.
J. P: MARTIN. District Engineer,

By 1 rif res a/ decare.
Enc.
Acting.

United States Department of Agriculture


EM
Maps (Geographic Names) Piute Dictionary

February 20, 1926.

Dr. C. Hart Merriam,
Research Associate Smithsonian Institute, Washington, D.C.

Dear Doctor Merriam:
Referring to your letter of January 28 in regard to the dictionary of the Piute Indian Dialect, and asking as to the authorship.

This matter was put up to the District Forester at Ogden, Utah, who has advised the Forester as follows:
"The dictionary of the Piute language was collected by H. M. Shank, Chief of Maps and Surveys in this Districe, and Supervisor Olsen of the La Sal National Forest. About half of the dictionary was compiled by Mr. Shank during a snowstorm on the Kaibab National Forest last spring, and was entirely incidental to survey work in that vicinity. Supervisor Olsen collected the other half from Mr. C. L. Christensen of Moab.
"Mr. Jacob Crosby had no very definite ideas as to the way the words should be spelled, and the spelling was simply made to agree with the sound of the word. The spelling of a number of the words we obtained from him was dropped in favor of the spelling as reported by supervisor Olsen.
"In the case of two words for the same thing, this undoubtedly represents words for different tribes, as in no case was there more than one name reported for the same thing either by Mr. Crosby or Mr. Christensen."

Very sincerely yours,


Assistant Forester.

Pi-yoots Neu-wants Names of Animals


| $\left\{\begin{array}{l} \text { Mo'-he-ah-ne -um } \\ \text { Mah-ring -ah-yum } \end{array}\right.$ | Mar-ring-ah or Mar-re-vi'-am | Yo-hah-ve-tum |
| :---: | :---: | :---: |
| San Bernardino Mts. (now on San Manuel Res.) | Morongo Valley <br> (now at or near Banning) | Bear Lake Valley \& San Bernardino Its. |
| Grizzly bear Hoo-nant or Hoo-nut | Hoo'-nah |  |
| Haccoon | Pah-icht |  |
| Mountain Lion Wah-nahts | To-koot;Tro-ŭt |  |
| $\begin{aligned} & \text { Gray, fox } \\ & \text { Kow-trit } \end{aligned}$ | Kow-trat |  |
| Little spotted skunk |  | Pur'-ne-vung |
| Plkh-hook | Pah'hoo-kaht | Pah'hook |
| Buffalo | Sé-ro-10k |  |
| Golden ground squirrel | Wish-ko |  |
| $\begin{aligned} & \text { Pine squirrel } \\ & \text { Wis-ko } \end{aligned}$ |  | Wis-ko |
| Chipmunk Kunkt' | Wis-ho | Kunkt' |
| Kangaroo rat Wah-ne | Pah-e;Pah-ic ${ }^{\text {ht }}$ |  |
| $\begin{aligned} & \text { Dog , } \\ & \text { Koo-che; Yi } \text {-kut } \end{aligned}$ | Koó-che Koo-che-um ${ }^{\text {ge }}$ | Koo-chee |
| Hoofs | Ah-tahn |  |
| Claws | Ah-wahts | Ah-wahtch ${ }^{\text {T}}$ |
| Hide Ah-kootch | Ah-wah-ke | Ah-kutch-cho-ah-ah-ke |

ASKS

## Dialects of so-called"Serrano"



| Hair <br> Ah-pur |  |  |
| :---: | :---: | :---: |
| Dung | Ah-shah | Krách |
| Tracks | $\Delta p^{\prime}-a h-m e r^{\prime}$ | Ah-pah-mev |
| Rat's nest | Kahts-ahk-ke |  |
| Animal's burrow Ker-ver-kah | Huveh Hooch ${ }^{\text { }}$ |  |
|  | BIRDS |  |
| Bald eagle |  | Pah-we-rukt |
| Ped-tailed hawk | Kwaht ${ }^{\text {r }}$; Kwahtz ${ }^{\text {' Kwah-aht }}$ | Kwah ${ }^{\text {tr }}$ |
| Marsh hawk |  |  |
|  | Wish-shant | Wish-sbant |
| Duck hawk |  | Pahk-ke-ut |
| Cooper hawk | Hoo'koo-dumpt ́ Hoo'-kwe-er-ruts | Koo-roo-runs ? |
| Sparrow hawk | Kré- yu -kré-ets; Kre-yu-kre-yuts | Kao-yú-ke-et? |
| Barn owl. | Chaht ' | Chaht ${ }^{\prime}$ |
| Screcch owl | Poo-poo-wan-nuts | Poo-poo'wun-nut; Hum-mer |
| Raven | Ah-chahf ; Ah-chawt 'Ah.trowt | At-traht |
| Crow | Pah-ah-chowt ${ }^{\prime}$ | At-traht |

## ASKS

| Crested jay |  | Chah-kwe-ot |
| :---: | :---: | :---: |
| California jay |  |  |
|  | Chi-chi | Chā-chā |
| Pinyon jay |  |  |
|  |  | Too'bah-ahts |
| Mountain quail |  |  |
|  | Ki-itch kah-kah-tah; Kah-kowt | Tah-kowm'? |
| Band-tail pigeon | Muk-kah how-wut ${ }^{\text {oc }}$ | Muk-kah re-wut |
| Road runner |  | Muk-kan re-wut |
|  | Poo-e ; Poo'ryut ; Poo'rhe-at | Poo'-hyut |
| Kingfisher | Ke-roo-ma-how-wut | Ke-ho mutr |
| Night hawk |  |  |
|  | Pow-rukt | Pah-tik-e-tik'ko |
| Poorwill |  |  |
|  | Poop-pwe-he? | Pe'kwahts |
| Flicker | Ké-maht $\underline{\underline{\underline{r}} \text { - }}$ | Ké-maht ${ }^{\text {r }}$ |
| Lewis woodpecker |  |  |
|  |  | Troo ${ }^{\text {ch }}$ |
| California woodpecker | $\mathrm{Pe}-\mathrm{vahnts}$ | Koo-pwt ? |
| Hairy woodpecker |  | $\begin{aligned} & \text { 'pant } \\ & \text { Koo-put } \end{aligned}$ |
| Nuthatch |  |  |
|  | Pe-pe | Pe-́pe |
| Oriole |  |  |
|  | Koo-paht ${ }^{\prime}$ | Ko-paht |
| Shrike | Choó- -nóno | Choo-nan-nu* |
| Kingbird | Kémuts (flicker) Chuk-we'-nahts | Too-pert-0 ash throat |



| ASKS |  |  |
| :---: | :---: | :---: |
| Western Canada goose |  | Mah-we-wum |
| Great blue heron |  | Wah'soo-itch |
| Sand-hill crane |  | Pah-wah soo-itch |
| $\begin{aligned} & \text { Killdeer } \\ & \text { Choóe-nan-nah. } \end{aligned}$ | Too- $e^{\prime}-\mathrm{d} \theta-\mathrm{d} \theta^{\prime}$ | Too'e-the ${ }^{\prime}$ the;T00'e-de $e^{\prime}$-de |
| An egg Ah-pahru | Ahp-ar-no;Ab-par-num | Pur-par-num |
| A nest ${ }^{\text {Wheh-et }}$ 'an'ke' | Witch-e duk-ke; Witch-it ahk-ke | Pur'-ke thin not |
| $\begin{aligned} & \text { Wing } \\ & \text { Ahm-mah } \end{aligned}$ | Ah-kwaht ${ }^{\prime}=$ A $^{\text {a }}$-mah-hah | Ah-mah-hah |
| Feather <br> Ahm-mah-hah | Ah-pur ${ }^{\prime}$ | Ap-per \|Mah'hakt |
| Topknot | Ah-ah ' | $\check{A}$-pé-kah |
| Bill | Am-mók-be |  |
| $\begin{aligned} & \text { Snake } \\ & \text { Tah-hōt' } \end{aligned}$ | Hern | Te-to-kut-tum; Herng'um |
| Water snake | Pah'tu | Pah-ter |
| King or milk snake | Pah-nah-hotr | Pah-no-waht |
| Gopher or bull snake |  | Ko-kwerts |
| Red racer | Tah-hot ${ }^{\text {r }}$ |  |
| Chuckwalla | Chakt tch | Chehk-ter |
| Alligator lizard Tă-kwir-ah-kwe | Tik'kwir -ă-kwah |  |
| Leopard lizard, Tik-wis'-ah-kwe | Hrahk'we-rar'-rats | Tik-wis'kwe |

## ASKS

## Collared lizard

? Butterfly Mahl-maht;Lav-ah-lev-at

## Moth

Cicada
Dragon fly

Mosquito

## Ant

Yo-kahm
Bl ack ant
Red ant
Yellow jacket
Bumbl ebee

Woodtick
Grayback

| $\begin{aligned} & \text { Che-lah'-kwah-Too'-e-vōkt } \\ & \text { Che-lah-ko } \end{aligned}$ | Tep-pah-sot |
| :---: | :---: |
| Che-lah-kwah; Che-l ah'ko |  |
| Pah-te-wah'ne; Too-pah-hwih'ne | Too-par-whe |
|  | So-lim |
|  | Wah-he-us-soos |
| Lah-lah-vahtr | Lah-vah-luv-vut |
|  | Moom' pt |
| Mah-ah'tr | Tătho-kul |
| Koo-e-ñye-ñye; <br> Kwing'-nye-nye | Kre-ne-ne |
| How-wow-wut | How-wow-wut |
| Ah'nust | Yó-krum |
| Kah-powm |  |
| Ar-nurts ${ }^{\text {' }}$ |  |
| Pahng-a-hahts | Part-krum |
| Roo-rung-ahts | Roo-rung |
| Mutch-ahts | Mutch'um |



| ASKS |  |  |
| :---: | :---: | :---: |
| Black oak |  |  |
|  | Koo-èts | Kweet |
| Mountain live oak |  |  |
|  | We-aht" | We-aht ${ }^{\prime}$ |
| Small-leaf scrub oak | -'cht |  |
|  |  | $\mathrm{i}^{\prime} \mathrm{ch}$ |
| Sycamore | Hah-vurt ${ }^{\prime}$ | ah-roort |
| Cottonwood |  |  |
|  | Wah'mut | Wo-nut |
| Buckeye |  |  |
| Tree alder |  |  |
|  |  |  |
|  | Too-kut |  |
| Dwarf ash |  |  |
|  | Haber hahts |  |
| Willow | Hah-kaht' | ' |
|  | Hah-kaht | h-ka |
| Mountain mahogany | Ki'chowt ${ }^{\prime}$ |  |
| Elder |  |  |
|  | Koot ${ }^{\prime}$ | Koot' |
| Manzanita |  |  |
|  |  | Koots ${ }_{\text {tr }}^{=}$ |
| Bück brush |  |  |
|  | Fung-ta-mutch |  |
| C.crassifolius |  |  |
|  | ro-kut |  |
| Holly-leaf cherry | Koo-pe-at |  |
| Chokecherry | Kup'po-l een ${ }^{\prime}$ |  |
| Bl ackberry |  | , |
|  |  | Pe -kwum |
| Wild rose | Itch'-ür-um | 00-chum |
|  |  |  |

ASKS

| Yerba Santa Harnte | Oor'hahnt;Oor-han-kah' |  |
| :---: | :---: | :---: |
| Sourberry;Aromatic sauce | Hoots Ch |  |
| Poison oak | $0-\theta$-tram;00- -'chum $^{\text {a }}$ | 00-e'-chum |
| Rhusovata | Nah-kó-wit |  |
| Chemise | Ho't \% Hoot ${ }^{\prime}$ |  |
| Mistletoe | Ah'-kern ${ }^{\prime}$ |  |
| Mesquite | Ur'ts |  |
| Screwbean | Kwe-nahts ' |  |
| Artemesia dracunculoides | Wah' ${ }^{\prime \prime}$ |  |
| Artemesia Californica | Hoo-troo-kwaht |  |
| Creosote bush | $\text { Yah }{ }^{\prime t r}$ |  |
| Salvia Columbariae | Pah-han-nuts ${ }^{\prime}$ |  |
| Salvia apiana | Kah 'kt |  |
| Salvia mellifera (black | sege) <br> Pah-he-nut |  |
| Ephedra |  | To-tot |
| Tree yucca | Choor-mart ${ }^{\text {r }}$ | Choó-r00-mum |
| Foothills yucca | $\text { ö-moot; } 00^{\prime}-\text { moot }$ | Oo-mum |
| Yucca mohavensis | Choonkt' | Nun-nurm |

## ASKS

| Baccharis glutinosa | Ip-kut |  |
| :---: | :---: | :---: |
| Eriogonum fasciculatum | Hoo-un-kuts |  |
| Cuscuta | Che-tah-ko-to-ah'wahs |  |
| Flat tule or cat-tail | Tu-rèm | $\mathrm{Hi}-{ }^{\prime} \mathrm{yu}^{\text {u }}$ |
| 3-corner tule | Hi'ch | $\mathrm{Hi}^{\prime}-\mathrm{y} \breve{\mathrm{u}}$ |
| Grass(any) <br> Hahm-pt;'Hampt | Hahm ${ }^{\text {t }}$ |  |
| Salt grass Im-mookt | Him-mookt ${ }^{\prime}$ |  |
| Phragmites | Pah'kahts |  |
| Pluchea sericea | Hahng-ahng'-ahts |  |
| Chilopsis Linearis | Kah-hah-nikt |  |
| Filaree Erodium | Pe-te-de ammōk-be; Pe-te-tah am-mook-pe |  |
| Wild sunflower | Pah-ahp-kut | Parpt ${ }^{\prime}$ |
| $\begin{aligned} & \text { Indian whisky } \\ & \text { Mah-nitch } \end{aligned}$ | Mah ${ }^{\prime}$-neech |  |
| Wild gravevine Nü-hung -ah | Nüch-num yu-pah-tum |  |
| Opuntia basilaris | Per-rü-tum |  |
| Opuntia bigelove | We-hahts' |  |
| Opuntia echinocarpa | We-hahm ${ }^{\prime}$ |  |
| Opuntia occidentalis | Nah-vah; Nah-vaht ${ }^{\prime}$ |  |

## ASKS

Opuntia engelmanni
Opuntia parryi
Echinocactus
Lotus
Dudleya pulverulenta
Flower
Hampt
Seed
$A^{2}$-pootch
Berry
Pe-kwam
Cherry pit
Ah-pootch
Acorn
Kwin-nil
A tree
Wah-maht;Koo-trowt
Forest
Trunk
Ah-taht-kah
Bark
Ah-kertch
0-weem'
Moo-tooch
Ko-pahm
Ko-aht'
0o-mutch chikn-ăa-chik-ăa
We-ah.
Wum-maht; Koo-traht
Mah'tr

Ah-shừ; Ush-sho ${ }^{\prime}$
Ah'pooch '

Kweet ${ }^{\prime}$
Kal-low-wut

Ah-kutch;Sal-ah

## Dialects of so-called Serrano ${ }^{2}$

Mo'-he-ah'ne-um or
Mah'ring-ah-yum
San Bernardino Mts.
(now on San Manuel Kes.)
Grizzly bear
floo'naht or Hoo'nut
Raccoon

Mountain lion
Wah-nahts
Bob-cat
'lo-koot
Gray fox
Kow-trit
Desert fox
Wör-tut
Coyote
Nah-he'
Bug Wolf
Big, skunk
Pur-ne-vah'tr
Little spotted skunk

Badger
Hoo-nuft
Wegsel
$\mathrm{Hu}-\mathrm{chi} \mathrm{kt}$
Moleth-pur
Bat
Wah-100-1 ut; Wah-100'100

## E1k

Pah-hook
Deer, mule
Ho-káht'
1
Mar-ring-ah or
Mar-re-Vi-am
Morongo Valley
(now at or near Banning)

## Hoónah

Pah-icint ole
Tó-koot;Tró-ŭt
To-koot; 10-kut
Kow"trat
Woóchahts
Wah'-hé; Wí-e;Wah-ha
Wahi-rahtes
Poó-ne-vahts

Hoo-nah'ft
HoO-cheek'ts
Té-po-ko
wah-100-100t
Pah'hookaht nothens
HOO-kah'; HOO'-kah't

Yo-hah've-tum

Bear Lake Valley \& San Bernardino lits.

Pah'ng-aht $\left\{\begin{array}{l}\text { abrimhar heahninahts } \\ \text { g Wrog }\end{array}\right.$ roó-koot, toó-kut
wōr-tut

Wah'-he
Pưr'ne-vat; Per'ne-vahm
Pur'ne-vung
Hoónuft
Hü-chikt
I' ech ${ }^{\prime}$-pur
wah'-100-1ut
Pah'hook

Hoó-kaht

Ant elope
Tim'-mert
Bighorn
Paht'
Buffalo
Gray ground squirrel Kur-rampt; 'Kwi r'rumpt
Antelope squirrel
Ut-kut
Golden ground squirrel
Gray tree squirrel
Hik-kult ${ }^{\prime}$
Pine squireel Wis-ko

し'bi pmunk
Kunkt'
Pocket gopher
Ming'-awt;Meeng-aht
Kangaroo rat
Wah-ne
White-footed mouse
Pah-is'ht
Wood rat, round-tail Karts; Kah'tr
Brușh rabbit
Tah-woot
cottontail rabbit
Ter'ró'kt
Blacktail jack rabbjt Hoo-et'; Wheet'(Hweet)

Dog
Koo-che; Yi'kut
Tail
Ah-wahr

## Horns

$\mathrm{Ah}-\mathrm{ah}$

| Tu-mertz; Tư-winz | Tim-mert Toomernt' |
| :---: | :---: |
| Paht ${ }^{\prime}$ | Paht ${ }^{\prime}$ |
| Sé-vo-10k |  |
| Ker'r-rum; Kŭr ${ }^{\text {r r rumpt ; Kŭr }}$-runt | t kur-rampt'; Kwir'rum |
| 0ots'-kut-ta | $\overline{0} t^{\prime}-\mathrm{kut}$ |
| Wish'-ko |  |
| He-kow-it | Hik-kult ${ }_{\text {; }}$ He-kŭ-ut |
|  | Wis'ko |
|  | Kunkt ${ }^{\prime}$ |
|  | Ming'-awt |
| Pah-e; Pah-icht mrom |  |
| Pi-is ${ }^{\prime}$ | Pah-isht |
| Kaht ${ }^{\text {; Kaht's }}$ | Karts; Kahts ${ }^{\prime}$ |
| Toosve; Tah-wōt tahivot | Tah'woot |
| Sü-herrukt'Too'ruk 退-rukt | Ter-'ro'kt |
| Hoo-weet ; Whe et ${ }^{\text {' }}$ | Hoo-èt'; Hw'eet ${ }^{\prime}$ |
| Koo-che <br> troche te | kove che |
| How-waht; Ah-waht ${ }^{\text {' }}$ | 0w-wahs |
| Ah-ah | $\mathrm{A} h-\mathrm{ar}{ }^{\prime}$ |




Pinyon jay

Valley quail
Kah-kah'tah
Band-tail pigeon
Dove
Mah-kah'rt
Koad runner

Kingfisher
Night hawk

Poorwill

Hilicker


Lewis woodpecker

California woodpecker

Hairy wood pecker

Nuthatch

Brewer blackbird
-Tap-pat'r


Meadowlark

- Vo-hrats

Uriole

Shrike

| Kingbird | Ké-muts Féchu | 100-pert-0 ash thent |
| :---: | :---: | :---: |
| Barn swallow | Paht-te-kit'-e-ke' | Paht-kit -ke |
| Cliff swallow | bon tail swace Su-wut-ahn-kin-ne-ahts |  |
| Black-headed grosbeak | Mah-we-o't |  |
| Purple finch Chah-kwee-naht | $\begin{aligned} & \text { Witgh'-oter-rin-kum; } \\ & \text { Kru-witch-it } \end{aligned}$ | $\begin{aligned} & \text { rroó } \\ & \text { Troo witchit } \end{aligned}$ |
| Yellowbird | Kun-nah-ve | Kah-nah-ve |
| Junco |  | Wolft' |
| Brown towhee | Moo'chah-vit | Chuk'ke-yut? |
| Kobin | Hré-kah-kah | Se-kuk-kah |
| Mockingbird | Shŭtch'owt; Shu-chow-wut | Hrit'tro Hrütrow-ut |
| Thrasher | 4-nukt' | - In-nahkt mn nukt' |
| Cactus wren |  | $\left\{\begin{array}{l} \text { yah-hwi: }{ }^{\text {a }} \text { hwahts } \\ \text { Yuk-kwi-a--kum } \end{array}\right.$ |
| Wren tit | Ho-koo-ruts |  |
| $\underset{\text { Pe-te-ve }}{\substack{\text { Humming } \\ \text { bird }}}$ | Pit ${ }^{\prime}$ té-de; Pit-té-de-de' | T00'-chil |
| Mallard |  | Paht-too-ya |
| Shoveler | Pah'-to; liah-ah'kah |  |
| Ducks | Paht ${ }^{\prime}$-too-yá | mah-ah-lum Paht-too-yă |
| Geese douade Ah-eburokt 2aymunkt | Wur-rukt'ts Ruint |  |



| $\begin{aligned} & \text { Snake } \\ & \text { Tah-hōt } \end{aligned}$ |
| :---: |
| $\begin{aligned} & \text { Kattlesnake } \\ & \text { Her'nkt } \end{aligned}$ |
| Water snake |
| King or milk snake |
| Gopher or bull snake |
| Red racer |
| Chuckwalla |
| Scaly lizard Chah ${ }^{\text {ng }}{ }^{\mathrm{t}} \mathrm{t}$ |
| Alligator lizard Tă-kwir-ah-kwe |
| Leopard, lizard <br> Tik-wis'ah-kwe |
| Collared lizard |
| $\begin{aligned} & \text { Skink } \\ & \text { Mah'-wo-vit } \end{aligned}$ |
| Unemidophorus tigris し'hah-laち'ko |
| Horned toad Nah-kwah-te |
| $\begin{aligned} & \text { Turtle } \\ & \text { Koop-pert } \end{aligned}$ |
| Hrog <br> Wah-kaht-tum |
| $\begin{aligned} & \text { Fish } \\ & \text { Ke-ho't } \end{aligned}$ |


| Hern | T'e-to'kut-tum; Herng'um |
| :---: | :---: |
| Hern; Hern'kt | Her'nt;Hern'kt |
| Pah'tŭ | Pah-ter |
| Pah'nah-hotr | Pah-no-waht |
|  | Ko'-kwerts |
| Tah'-hott ${ }^{\text {r }}$ |  |
| Uhakt tch | Uhehk'ter |
| Chahnt ${ }^{\text {r }}$; Chah'nk ts | Chahng ${ }^{\text {tr }}$ |
| Tik'kwir-ă-kwah |  |
| Hrahk'we-rar'-rats | Tik-wis'-kwe |
| Uhe-1 ah'-kwah;'100'-e-vōkt; che-lah-ko | Tep-pah-sōt |
| Mow'-wah-vet | Mah'-wo-vit |
| Uhe-lah'kwah; Uhe-lah'-ko. |  |
| Pah'-te-wah'-ne;'100'-pah-hwi | $h^{\prime}$-ne $\mid$ Too-par ${ }^{\prime}$-whe |
| Kur -pur ${ }_{\text {r }}$ | yu-áh-ter $; \mathrm{Ku}$ u-pert |
| Wah'-kah; Wah-kaht ${ }^{\prime}$ | Wah-kut |
|  | Ke'-hoom |


| Grasshopper wur-urt | wur-ert ; wur ${ }^{r}-u r t^{\prime}$ | Wur'rum; Wur -ur ${ }^{\prime}$-tum |
| :---: | :---: | :---: |
| Cricket |  | Sé-1im; $5 \theta^{\prime}-1 \mathrm{im}$ |
| Beetle |  | Wah'he-us-soos |
| Butterfly <br> Mahl-maht | Lah'lah-vahtr |  |
| ```Butterfly Lav-ah-lev-at``` |  | Lah'vah-luv-vut |
| Woth |  | Moom' pt |
| Licada | Mah-ah'tr | I'ătho-kul |
| Dragon fly | $\begin{aligned} & \text { Koo'-e-n̄e-ñye; } \\ & \text { Kwing-ñe-nye } \end{aligned}$ | $K r e{ }^{\prime}-n e-n e$ |
| Hosquito | How-wow'wut | How-wow-wut |
| Fiy | $\begin{aligned} & \text { Pé-choo-trah't. } \\ & \text { Ye-choo'-choo-ahm } \end{aligned}$ | Pé-choo-choó-um |
| Ant Yo-kahm | Ah'nust | Yo-krum |
| Black ant | Kah-powm |  |
| Ked ant | Ar-nurts |  |
| Yellow jacket | Pahng -ă-hahts | Part-krum |
| Bumblebee | Koo'rung -ahts | Koo'rung |
| Woodtick | Mutch'-ahts | Mutch'um |
| Grayback | Ah-kroptch ${ }^{\prime}$ |  |



| Ponderosa pine | Yu-haht $\underline{\underline{r}}$ | Yu-hahm ${ }^{\prime}$ |
| :---: | :---: | :---: |
| Sugar pine |  | Wi-yahkt |
| Coulter pine |  | We-hah'kut |
| Pinon or nut pine | TOO-raht; Yu-hahtr | Yo-haht ${ }^{\text {r }}$ |
| Parry Pine | Wipt too'vaht |  |
| Douglas fir or spruce | Pah'-yu haht ' ${ }^{\text {r }}$ |  |
| Juniper | Waht' | Waht' |
| Valley oak | E'-pahts | E'-pahts |
| Valley live oak | We-how'ts |  |
| Black oak | Koo-ēts | Kweet |
| Mountain live oak | We-aht" | We-aht ${ }^{\prime}$ |
| Small-l eaf scrub oak | Mer ${ }^{\text {ch }}$ t | Hi'ch |
| Sycamore | Hah'surt ${ }^{\text {' }}$ | Hah'-voort |
| Cottonwood | Wah-mut " | Wo'nut |
| Buckeye |  | u'so-wut' |
| Tree alder | Too-kut |  |
| Dwarf ash | Háber 'hahts |  |
| Willow | Hah-kaht ${ }^{\prime}$ | Hah-kaht |


| Mountain mahogany | Ki'chowt ${ }^{\prime}$ |  |
| :---: | :---: | :---: |
| Elder Koor | Koot' | Koot' |
| Manzanita |  | Koots ${ }_{\text {tr }}=$ |
| Buck brush | Hung - ta -mutch |  |
| U. crassifolius | Po-kut |  |
| Holly-leaf cherry | Koo-pe ${ }^{\prime}$-at |  |
| Uhokecherry | Kup'-po-leen' |  |
| Blackberry |  | Pe'-kwum |
| Wild rose | Itch'-ür -um | 00'chum |
| Yerba Santa Harnt | Vor'-hahnt; Oor-han'-kah |  |
| Sour berry;Aromatic sauce | Hoots ${ }^{\text {ch }}$ |  |
| Poison oak | 0-e'-tram;00-e'-chum | 00-e'-chum |
| Rhusovata | Nah-ko'-wit |  |
| Chemise | Höt ; Hoot ${ }^{\prime}$ |  |
| Mistletoe | Ah'kern' |  |
| Mesquite | Ur'ts |  |
| Screwbean | Kwe-nahts ${ }^{\prime}$ |  |
| Artemesia dracunculoides | Wah'cht |  |
| Artemesia Ualifornica | H00-troo-kwaht |  |


| Ureosote bush | Yah'tr |  |
| :---: | :---: | :---: |
| Salvia Columbariae | Pah-han-nuts | , |
| Salvia apiana | Kah ${ }^{\text {'kt }}$ |  |
| Salvia mellifera (black | sage) Pah-he-nut |  |
| Ephedra |  | Lo'tot |
| Tree yucca | Choor'-mart ${ }^{\text {r }}$ | Choo-roo-mum |
| Fobthills yucca | $\breve{0}$-moot'; $00^{\prime}$-moot | 00-mum |
| Yucca mohavensis | Choonkt' | Nun-nurm |
| Baccharis glutinosa | Ip-kut |  |
| Eriogonum fasciculatum | Hoo-un-kuts |  |
| Cuseuta | Che-lah-ko-to-ah'wahs |  |
| Biground tail Pe-Wum | $P e^{\prime}-w u m^{\prime}$ | $P e^{\prime}$-wum |
| Flat tule or cat-tail | I'u-rèm | Hi ${ }^{\prime}-\mathrm{yu}$ |
| 3-corner tule | $\mathrm{Hi} \mathrm{i}^{\prime} \mathrm{Ch}$ | Hi'yü |
| Grass(apy) Hahm-pt; Hampt | Hahm |  |
| Salt grass Im-mookt | Him-mookt ${ }^{\prime}$ |  |
| Phragmites | Pah'kahts |  |
| Pluchea sericea | Hahng-ahng'abts |  |


| Chilopsis Linearis | Kah-hah'-nikt |
| :---: | :---: |
| Hilaree(Erodium | Pe-té-de ammobl'be; Pe-té-tah am-mook'pe |
| d sunf | Pah-ahp-kut |
| Ladian whisky | Mah'neech |
| Wild gravevine Nü-hung-ah | Nŭch |
| Opuntia basilaris | Per-rü-tum |
| Opuntia bigelovi | We-hahts' |
| Opuntia echinocarpa | We-hahm' |
| Opuntia occidentalis | Nah-vam'; Nah'vaht ${ }^{\prime}$ |
| Opuntia engelmanni | 0-weem |
| Opuntia parryi | Moo'tooch |
| Echinocactus | Ko-pahm |
| Lotus | Ko-aht ${ }^{\prime}$ |
| Dudleya pulverulenta | 00'-mutch chik ${ }^{\prime}-\mathrm{ă}$-chik'-ă |



Sän Juan cafictrans on chum-pā'-wum divicion of Luiseño (fo Oleacascoir in Pechanga ) apf Pechanga

1 Sü-pool'
$2 W \bar{a}^{-1}-h a ̈$
3 Pah'-he
4 Wah-sah'-me
5 mah hah' -rü


Luisen5

1. Sip'pool or sup'pool

2 Wĕh'
3 Pl (or Pah'he)
4 Wah-sah'
5 mah-kahr

Reople-Ă-tah'-kum (plural)
Tritu- Chum-pá-wrm (??)
Wata Pah2'
Fine - Koónǵ-ah
[Compare with Luiseno Kut:
Fathu, No-nah'

## AH-KAHǴ-CHE-ME COMPARED $\operatorname{\text {WITH}}$ PI-YMÍ-KO

"Acagcheme" words from last survivor of tribe at San Juan Capistrano, collected by Rev. Father John 0'Sullivan and publishod in book entitled 'San Juan Cayistrano Mission' by Fr. Zephyrin Engelhardt, 1922. compared with corresponding Pi-yuméke words as taken by mo .

Ah-kahoi-che-me Pi-yum-ke
Numerals

| 1 | Sepúl | Sup-pool' |
| :--- | :--- | :--- |
| 2 | Oueh | Woh' $^{\prime}$ |
| 3 | Páhai | Pah-he |
| 4 | Oueh-sáh | Wah'-sah |
| 5 | Nahar | Mah-hahr' |
| My father | No-nah | Nun-nah or Nŏ-nah |
| My mother | No-yoh | No yo |
| [My] son (from phrase) No-cem | No kah-me |  |
| My brother | No-pá-ash | Nŭ pahs |
| My wife | No-schwam | Nos-nok-ke |
| Man | Yé-itch | Yah-ahsh |
| I | No or Nah | No |
| Old | Na hán-mel | Nah-hahn-mahl |
| Hungry | Há-ke-le-chel | Hahk-mo-ish |
| Well | Lo-veck |  |

## Ah-kahg-che-me

|  | Ah-kahg-che-me | Pi-yum-ko |
| :---: | :---: | :---: |
| My head | No-yưh | Nö-yú |
| Your head | O-yưh | 00-yú |
| His hoad | Po-yúh | Poómú |
| My hand | No-máh | No-mah |
| Your hand | O-máh | Aw (or 00)-mah |
| His hand | Po-mán | Po-mah |
| My foot | No-óh | No-öh |
| Sun | Temat | Tem-met' |
| Moon | Mó-il | Moílah |
| Star | Shroóedl | Soólah |
| Sky | Too'-petch | Toópish |
| Earth | Eh-edl | $\mathrm{E}_{\mathrm{E}}^{\text {eht }}$ - - - lah |
| Bear | Hoónut | Hó-nut |
| Lion | Too'cut | Toókwits |
| Coyote | A-nóh | An'no |
| Deer | Shrookt | Soookut |
| Rabbit[JJack] | Toasht | Soo-ech |
| Rabbit[ Brush] <br> Snake <br> Rattiesnake | Tómbet <br> Pa-háh Tshroat | Tóvit <br> Peh-hah' (King snake) <br> Sómub |
| Heir | Yo-ot |  |
| Acorn | Wee-witch | Kwé-1ah |

LUISENO. Cases and article-pronouns.

Temecula,
To romecula, From temecula, At Temecula, of Temecula, He, she, or it is of remecula, Is no, she, or it of remeculat 0.

Thoy are of remperta, Are thes of remoente?



Te-mek-wá:
re-mek-w1k:
Te-mek-wong-y:
Te-mek-wong-a:
To-mek-wong-a-wish."
Te-melk-wong-a-wish-op. To-mek-wong-a-wishiphop
To-molfinong-a-wit-so?
go-moh-mome-a-mich-om-pom:

20-mol mong-a-whab-inoa:

 Perhape they are of Temeoula, trandinoag-a-wich-om-ahom-po.. Is is said he, ahe or it is of sol,

Te-moltmong-a-wtsh-aho-kon?
It te sata they axe of pomecutai ro-mik-woas-a-wnch-om-aho-kom-om?
Deciension of Ruthe-plah, $A$ or the bow:
… Zal atpointer arptin.

objoctive, kitem-piah.
ACcuatabive, sithepin:
Abeative, Rit-a-plac-s:
Instrimontex, Rütma-pleK-ay:
Locetive, Rut-a-plag-ä':
Conitive, Rutite-ptagea-iwieh. ${ }^{\text {, }}$
ConJunctive, Ratem-py-man:
pluma:
Nominative, kitmeptch-omi -mitrempim; Objective, Kütem-ptah-my: -Neithempmó:


The other cases to not aiffer for the plures:
Plurality may be denoted in the inenimate gender by an alajective


 our bow, Chām-kût-a-py. Your bow,om-kūt-a-py. Their bow, Pom-kūt-a-py.

 Domyourkon how tomake blaskets? ouratuo wridits ontorentery






covzmaceras* ceazerac* Joampine" Twsenervextẹn'
 Vacmawarac op7ec.fiae หom

gitgo-2 2 -

 grigng-brop-wy*.

 (xictub-byey*
$-\mathrm{grtgma}-\mathrm{B} w^{*}$.

 - Fatcetybyys. - ytyon- 18.
 $-2 \cos -1 \times 5$.
 $-2 \mathrm{Htym-Na}$. wow enat.


 kexpris cyok the or. wemocry*


 Fhe दpan on doweamters зyロx she o\% womecrys. $0 \pi^{*}$


O5 Iowecrys'
Vf zowearje"
ikaw dervectry ${ }^{2}$
玉o wetwocmy
د6wectre"




de-normantrw-4y c-sos




domag-move-2*
aemagemy $x^{*}$.



6--.-------------Nah--Noi

9----..----------Wan-nah-kee

10---------------Sa-wan

Man-singular----Tang-um
"-plural--------Ge-mug-in
Many men--------Tang-ung-ey
Woman-----------Wi-bah
01d man--------Tsoo-poop-ah
01d woman---.---Ha ${ }^{h}-w i t c h-e y$
Father--...-.-.-Nub-bah

$$
\begin{aligned}
& \text { 2---------------Waht } \\
& \text { 3----------------Pait }
\end{aligned}
$$

"*
$\because$
PANAMIINT SHOBHONE VOCABULARY FROM KEFLER. VOL.IV, 1902


Small boy-n-..--To-you-pum
" " pluralppToots-chum
Small girl------LLow-e-chivy
" " plural-Now-wich-chum

Cppied Vocabulary to p. 337, Vol.IV,1902. Calif.Journal.

FROM VERNON BAILEY'S REPORT ON FT. MOHAVE, DATED MARCH 4-19,1888.
Some of the Mohave. Indian names for animals are, as near as I can spell the pronunciation, as follows:

Eélhö,
Mar,hó ${ }^{-1}$
Omér
Obe, $\bar{a}^{\prime}$
Onoole
Tocpah́rah
Numä, tha

Skunk (Mephitis)
Desert Fox (Vulpes macrotis)
Harris' Ground Squirrel (Ammospermophilus harrisi)
Pocket Mouse (Perognathus)
Kangaroo Rat(Dipodomys deserti)
White-footed Mouse (Peromyscus)
Coon (Procyon lotor)

Mannal names noed by the Mohave Ludians proeured fram an old Indian (Geo. Wbohington) at 7\%. Wohove, Airg. 76. 1889
Eèl hóe-skunk
V. Baily

Mar hō - Vuppes velanx
Omèr' - S.larrisi
Obe $\bar{a}^{\prime}$ - Perograttius
Ohoole - D.dererti
$70 e$ palírah-sitomys
Numiátra - Com

Arizona V.bailry

Tongra
$Y / 24 a / B L 21$
so $\int_{C}^{1 s}$

Bighom - To'nut


- Rantail - Pahite-ats

Cador - Nan-nani-nör
rely Jay - Tah.mi'yue evit
corgla Poo e-pooi-e


- Oriale or Cactus Wren- E. h wi'hol-lak!

BarnSundeow - Tav-vi'luk-me
verofthes - A-yet

Rattlenahs - Hunpe (an, Cahuile)

- Skink - E'Hililah (Scbata)
uxipsosawius - Too-ar (laban) ?r
veicada - Moo-mahukut ${ }^{2}$
Dirajoinfle ~Kam.mā-roóré
sfida - Nah. vi-ut


Nat Eompd wita Luisero
Kroperine - - mah-knit
wild Tobacer - Pent |Erass. Hah'mt -
"Labrieleno" from old Josesahude.
reuple Ter-rä-kum
- Moserin Thal mafí harirah
vsinta Nking obhah
- Head ah. noth'hat
riand ah.mahmi
- Riles ang oop'
- Brain amiliko'kak
- Thints ă-toi'kan
-Food Nah-ho'-nahil
- Cloner Tat-tit'

Monotinam). Toongi-ing
Sabrielenos Pe-moong'-ah

- Catalaina Id. Pe.pé mer-ram Ob-


## "GABRIRTMNO"

 Island and"Gabrieleno"? His name is Sen-mu-dä́-jah.Catalina Island is sancmah'so-on or Pe-pó-mer-ram -- Which?

Wind -- Ahng-00'ch th

othbr-ments beyond on this same side-to-bo looked up for possible "Gabrieleno". Most of his words are Mah're-ví-am

Bighorn (Ovis) ?To'nut ?
Golden Eagle (Aquila) Ah'-hah'-wit (nearest Morongo and Luisano)
Red-tailed hawk (Butedborealis) Pah'te-ata Bem owl Chat
Condor (Gymnogyps) Nan-nan'-nōv
California jay (Apholocoma) Tah-mi'-yu-wit
Kingfishor (Coryle) ?Poo'-ө-poó- ?
Poorwill (Phalaenoptilus) Koo-kool'
*Cactus wren or oriole ? P-hi'-hol-lah? (Cahailla?--look up)
Barn swallow (Hirundo) PTa-vi'-luk-me ?
Thrasher (Toxostoma) ? ī-yet' ?
Humming Bird Toosh'mal (not far from Cahuilla - Lusino)
*Rock wren (Salpinctes) Tr-hwi'-hol-lah?
Wes ternCanda goose (Eranta caradonsi s occidentalis) Ló-luḱ-kah
Killdeer (Oxyechus vocifora) Til-de'-ah
Rattle snake (Crotalus) Hungt
Skink (Bumeces) ? $\mathrm{I}^{\prime}-1 \mathrm{li} \mathrm{l}^{\prime}$ lah ? (Soboba? Mold Joe talks Sobobe" [not much].
Dipsosaurus ? Too-ăr ? (look up)
Ho med to ad (Phrynosoma) Chal-lak-kah
Turtle ?Tor-too'-ghin (Synich? ) Moórmah-kut
Dragon fly Kam-mā-roó-re Butterfly Tä-val'-lok-mo
Int Tali-howt
Spider Nah-vi'-ut
Sugar pine (Pims labertiana) Te-het?
PYnion or nut pine (Pims monophylla) To-vaht'
Juniper (Juniperus) Ah́chah-hut
Manzanita (Arctostaphylos viscida) Pah-hoh-wick
Wild Graperine (Vitis californioa) Ma'-kwit
Wild tobacco ?Pe'vt?

# Vocabulary secured from Jose Sal video -- not Achuilla, Morongo, or Chemenere 

Grass Hah'mt (morongor)
People Ter-rä-kum
Man Ter-rä-hut
Mothor Mah-mah'har'-rah
Sister Ning- $\sigma$-hah
Head Ah-mah-hah
Hand Ah-mahad
Ribs Ang-00p'
Brain Ah-i'-kó-kah
Thirsty IL-toi'-kan
Good Nah-ho'-nah-i'
Clouds Tat-tit
Month (Moon) Toong'ing
Gabrillenos Pe-moonǵ-ah [Pemokanga, Kresber 621, Ranoha Ibarras] Catalina Island Porpé-mer-ram

| Bear | From lose wade who ule himeeld Gabieleno Hoo-nut | Maringiam <br> Hoó-nut | villa | S- Sababo <br> L-Luiceno <br> Hoon-wut (Sobobo) |
| :---: | :---: | :---: | :---: | :---: |
| Bobcat | Toó-kut |  | Too'-kut | Toó-kut (Sobobo) |
| Coyote | Wah-hó | Wah'-ho' |  | Wah-hé (Sobobo) |
| Big Skunk | Poí-ne-vahts | Poi'rne-vahts |  | Pe're-vaht (Sobobo |
| Little Spotted Skunk | Poo'-ne-vats | Poó-ne-vats |  |  |
| Deer, mule | He-keht ${ }^{\prime}$ | He-keht' |  | Ho-kaht' (Sobobo) |
| Bighorn | To'-nut ? |  |  |  |
| $\begin{aligned} & \text { Cottontail } \\ & \text { Rabbit } \end{aligned}$ | Tah'00 | Tah'-00 |  |  |
| Black-tail <br> Jack Rabbit | Hoo'et | Hoó-et |  |  |
| Golden eagle | Ah'hah'wit |  |  |  |
| Red-tailed Hawk | Pah'te-ats |  |  |  |
| Condor | Nan-nan'-nōv |  |  |  |
| Turkey Buzzard | Yung-ah-wevit |  | Yung-ah'-w | wevit |
| Great horned owl | Moó-hoot | Moó-hoot |  | Moótah (S) |
| Barn owl | Chat' |  |  | Chaht' (Luisenc |
| Burrowing owl | Koo-kool | Koo-kool | Koo-kool | Koo-kool (L) |
| California Jay | Tah-mi'yu-wit |  |  |  |
| Vall ey Quail | Kah-haht' | Kah-haht' | Kah-haht' | , Kah-hahl (S) |
| Kingfisher | Poo'e-poo-e ? |  |  |  |
| Poorwill | Koo-kool' |  |  |  |
| Brewer Blackbird | Che-na-te |  |  |  |

-2-

Oriole
E-hwi-hol-lah

Barn Swallow
Mockingbird
Thrasher
Cactus Wren From lose Salvages
self gabrielens

Tă-vi'-luk-me ?
Tam-mi' -o-wit
A-yet'?
E-hwí-hol-lah ?
Hummingbird Toosh'-mal ?
Mallard PaK-to-ah
Western Canada
Goose
Killdeer
Rattlesnake Hung
Skink

$$
E^{\prime}-1 i l-l a h \quad \text { (Soboba) }
$$

Horned Toad Chal-lak'-kah --
Giea Woómeh-kut
Turtle Tor-toó-gah ?
Frog Wah-keht Wah-keht ${ }^{\prime}$
Fish (any) Ke-hüt'
Grasshopper Wě-et'
Dragon fly Kam'mā-roo'né
Cicada Moo-mah-kut

| Spider | Nah'$^{\prime}-\nabla i-u t$ |
| :--- | :--- |
| Sugar Pine | We-het'? |

Pinon or Nut
Pine
Juniper
Sycamore
Cottonwood Manzanita

Wild grapevine
Grass (any) Hah'mt


People
Ter-ră-kum
Man
Ter-ră-hut
Father An-nah(-ah?
Mother I-yó \& Mah-mah har'rah
Sister
Head
Ning o'hah

Hand
Ribs
Brain
Thirsty
Good Nah-hó-nah-i ${ }^{\prime}$
Clouds Tat-tit'
Month (moon) Toong'ing
Gabrielenos $\quad \mathrm{Pe}$-moong' -ah
Catalina Is. $\left\{\begin{array}{l}\mathrm{Pe}-\text {-pé-mer-ram } \\ 0\end{array}\right.$
Dipsosaurus Too-ar ?
Son Ah-mi'-er ?
Brother Ah-pah'ral (Pah-vix' (Chem)
01d Man Wut-é-wut (marango

Tah-wahts' (Chem)
Thu Sun_\{ Tahi-mil ah-hoon $\begin{aligned} & \text { seart } \\ & \text { and }\end{aligned}$
"Moon - Mahr'
Stars .-Hoots'
clouds...Tat-tit'
Fog - Pah.kit'
Rain - - \{ Warrurkt
amomath . Too'ng'ing
$\left\{\begin{array}{l}\text { Zaburilenos Pe-moong'ah } \\ \text { Tong'va }\end{array}\right.$
Catalina 2d... Pe-pe'-mer-ram

Daead Qrup -

Thicty - A.toi:kan
Tunst y his harebsou Anechicu-vi'am

| Head | From fore falmat PARTS OF BODY who call hinself galrieleno <br> Ah-nah'-hah |
| :---: | :---: |
| Eye | Ah-pooch |
| Nose | Ah-mo'ppe |
| Ear | Ah-kahv'-va: Nux gah'vah (Chem) |
| Mouth | Ah-tahm! |
| Tongue | Ah-nang ${ }^{\prime}$ |
| Fingers | Ah-mahm ${ }^{\prime}=$ and $\left.^{\prime}\right]$ mah-sh $\bar{a}^{\prime} x$ (Chem) |
| Back | A-taw-ǒ-pe |
| Belly | At-too' |
| Knee <br> Testicles | A-tang' <br> Tä' mil-yem |
| Foot- | Ah-naht ${ }^{\prime}$ |
| Bone | Ah-o' |
| Teeth (your) | At-tam ${ }^{\prime}$ |
| Heart | Ah-honn |

HEALTH, DISEASE, AND PHYSICAL CONDITION From fose Salvader

Dead
Asleep
Tah-kutah-mo ${ }^{-1} \mathrm{ng}$ ke

Hungry
Thirsty
Ho'-man
Hak-kwah' nah
A-toí-kan

## DISPOSITION, ETE

Good
Nah-ho'nal-i

## Y. TONGVA STOCK

## MISCELLANEOUS

Utah: Ute

Misc./Utah/BL 22


## UTE MOMERALS

> By D. B. Huntingtion


## UTE MUERALS

## By D. B. Auntinstion



| from SUPPLENENT TO HISTORY OF IN by Peter Got,t | Dimic B. Huntington DTAN DEPREDATIONS IN UTAH redson. |
| :---: | :---: |
| Axe . . . . Quepannump | Coab . . . Tah |
| Another . . . . Kermush | Cheese . . . Kah-sooch |
| All gone . . Topic-quay | Chew . . . Cuts-so-i |
| A well . . . Oroc-kent | Cat . . Moochich |
| A great way off. To-edg-mae | Confine to . . Nan-me-que bed |
| A long time ago. To-adg-e-tish | Candle . . Nighty-nump |
| A long time in the future . . . To-edg-pe-nunko | Coach . . . Poken-toyembongo |
| Break . . Ko-poke | Conceive . 0 -net-shpee |
| Bread . . . Te-shut-cup | Catch . . Tsi |
| Bite . . . Kere | Catch with a . Witc ung-ilasso nunk |
| Brass . . . . Wahker | Die . . . E-iqueay |
| Born . . Nanto-ungee | Done ... O-wish |
| Clock . . . . Tabby-nump | Do you . . P Poo-suds-8- |
| Chest trunk . Oyem- fat-sup | understand - way-ah |
| Canter . . A-poo-yah | Dry, thirst . .Town-goo-na-ry-00-ah |
| Chicken . . . Cam-boonk | Dig . . . Oo-ra |
| Come . . . . Pie-ka | Encomp . . . Meah-a-bitch |
| Comb . . . Nanzu-riump | Eat . . . . Tick-i |
| Chair . . . . Carry-nump | Equal . . Te-a-nommer |
| Crain . . . . Tsuck-ore | Egg . . . No-pub |
| Certain . . . Tu-ege-shump | Enough . . Own-shump |
| Cry . . . . Yah-gi | Pish hook . . Peghera-nump |
| Colt . . . . Cower-o-wets | Fix or make . E-ne-kend |
| Cow or $0 x$. . Quitchum-ponso | Forgotten . Katz-shu-mi |


| Fight . . . . . Nah-oo-quey | Hat . . . . . . Katz-oats |
| :---: | :---: |
| Fish hunting . . . Pan-guichpushager | Hand to me . . . Yenno or Yack |
| Fence . . . . . . O-ven-gwup | Handkerchief . . .Pan-shi-ack |
| Foolish . . . . . Katz-te-suah | Hog . . . . . Kosho |
| Flour . . . . . . Tu-shu-krut | Hobble . . . . . Mo-e |
| Ford . . . . . . Paraboo | Heavy . . . . Put-te-ent |
|  | Iron . . . . . Pan-a-kar-a |
| Gradual Ascent . . Pan-nunk |  |
| Go with me . . Tarmynahwah | Katz-poo-soods away |
| Give . . . . . . Mug-gi | In the future . . Pe-nun-ko |
| Gone away . . . . Katz-kar-ra | In the past . . . E-tish |
| Gun . . . . . . Tum-by-oo | I say . . . . . Ick-in-nish |
| Get away . . . . . In-e-to-ah | I said . . . . . Mike-e-neah |
| Ge | Interpreter . . Tin-ne-ah |
| Gambling . . . Ni-a-witch | Kneel down . . . To-tomun |
| Gn...... Pi-queay | Kill . . . . . Puck-ki |
| Glean, or pick up. Tso-i | Kick . . . . Tang-i |
| Grease wood . . . To-nub | Lord a cun . . . To-wudg-ka |
| Go home . . . . Pi-equey-band | Look, stand . . Boon-ny-won-y |
| Go slow . . . . . Shan-neech | Lisht fire . . . Coon-ah-nighty |
| Go fast . . . . . Pun-ker-ro | Lier . . . . Tu-wish-erer |
| Gold . . . . . . Wah-pana-kar- | ie down . . . Ah-bo-guy |
| Grow . . . . . . Nan-a | Look . . . . . . Poon-e-kee |
| Horse . . . . . . Teah, Kuvah-u | d, metal . . $0_{0}$ |


Small bells . . . T Tappa-arump Throw away . . . Tur-reb-by
Sing ..... KahShut the door . . . To-ock
Shoot Co-que
Saddle Carri-nump
Stirrup Tang-i-nomp
Sage hen She-jah
Stand up ..... One-e
Stinkine Paquy-nary
Stink Quan-na
Spy glass Poon-e-ray- nump
Sage bush ..... Mahb
Spaniard Co-quets
Sheep Can-na-rich
Straight line Tomiquint
Table ..... Tick-i-nump
To catch fish Pang gwitch-
To cook food ..... Tshi
Trot Ap-poo-na
Understand Posuds away
Want Ash-en-ty
Watermel on Shan-te-cut
What is your name . Anna-neah
Wash handsralkPah-wi
Wash clothes Pah-shoa
White hair ..... Tshar-tots- sib-i-wub
Wagon 0 -yem-poncso
White face T-shuker-boin
Soap . . . . . . . Neva raga-nump
YonderShot gun . . . . . Pant-tum-bi-oo
Speak or say Peshadny
So big Hebaten
To fly Mah-be-nunk
To baptize Tsow-00-ni
Think Shu-miTalk. At-am-bar
Tobacco Quap
To tradeNar-ro-wap
Tie up Tap-peech-e
merriam-Harrington Correspondences conceming Field work

Misc./M-H/BL23

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1 \text { of } 2
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Othonean - Redtho gifitarrington -1921.
There is a rock at pleasanton rancheria that has the print of a human foot. There is a similar footprint near Suñol and also one at the hill between Livermore and altamont. What being made these footprints, Jose does not know, but it was said that they were smevessive prints, that at buñl being the night fort, that at Pleasanton rancheria the eff, and that at the hill beyond Liven more the right-again. When the prints were not clearly marked il was paid that that being shuffles his for a litfle do neat as he made the step, that that was his way of resting. I' (these footprints are still there and shouts be visited and photographed. José can lake one directly to the places).
(Jose Guzman, 1921)

Washington, D. C., July 1, 1921.

Dear Dr. Merriam:--
Dr. Fewkes has just returned from Mesa verde and I find that I will have to stay on here until about the roth of July. Last night (June 30) I wired you a night letter informing you of this unavoidable delay in my plans, but was notified today that the telegram was undelivered because of your absence from Lagunitas for ten days.

I am of course very anxious to take the Chimariko trip with you and still hope that it may not be too late for me to do so in spite of this delay. Under the circumstances I will postpone my Santa Barbara work. I will leave here about the lith and will go directly to Pleasanton, California, I will reach there pressumably not later than the 17 th . I will remain there until $I$ hear from you, and that will be a handy point from which to join you on short notice. Please write me or telegraph me at my expense here or at Pleasanton, California,

Most sincerely yours,

Warlung time.

De Vtluname: cand do e hare tun pipte revy thing ing. Denit coint son theldeldyed instant
 - few dag sooner. oncel sh hop to manctia wuls Beadito In ivillstay the hiviorfine noteve. Berdito gorn you terme at a momant Golm P. Hamuiton

Dr. Merream

Leaving Washingtow D.C. to see Hart Merriant Iuquitas Address fo. Harrington $\%$ 6. a. Harrengton imi balif.
Roel. ang.5.1921.(1.2) Sigmed F. Walters Fewhes

## RECEIVED AT SAN RAFAEL CALIF.

4 SF 50 NL

US WASHINGTON D C JUNE 301921
DR C HART MERRIAM


LAGUNITAS CALIF.
YOU HAVE BEATEN ME TO CALIFORNIA AFTER ALL DR FEWKES HAS JUST RETURNED I LEAVE FOR CALIFORNIA JULY IO DELAY UNAVOIDABLE WILL INFORM YOU CONSTA NTLY OF ADDRESS THERE IS TIME FOR YOU TO WRITE ME HERE DO NOT ALTER YOUR PLANS BUT STILL HOPE NOT TO MISS CHIENARIKO TRIP. JOHN P HARRINGTON.

Pleasanton, Cal., Aug. 8, 1921.

Red nanad.aypis,1921
The' letter which you addressed to me at Washington was receive f a four days before 1 left. I reached here a couple of days ago and can now join you at Liagunitas any Time that you set. You probably have an answer from the forest ranger as to whether the old woman is still living an $\delta$ at hear ranch on new River. It is very disappointing new's for me that you are forbidden To ride horseback. I have been thinking of another possibility - that $l$ could go in ant bring the old woman out to Willour Creek, the Hoop a agency, or some point where we could both work with hen. There would probably be difficulties in the way of arranging this, Gut not unsurmountable ones. From the linguistic point of views it seems \& me that it is of the greatest importance $\&$ work with her for several creeks ot least, and $I$ want $t$ put everything else aside and stay with her until $A$ get the main points, an the bulk of arhat she kenours.
no deaths have recurred among the Pleasanton I indians since al wa o here before but they are all scattered $\delta$, which is going \& rake it hand to put in my time to any advantage. Angela Coles is the only ne here at Pleasanter who knows the San Jose language. She is old, hen memory
worst of all she will not thy hand to recall the words. Trinidad Reyes is at Livermore an 50 situated that she cannot give me much time. Francisca is at Niles, so $l$ hear.

Hoping to hear from you soon, Post sincerely yours, j. P.Hanington.
P.8. Address me here at Pleasanton, general delivery.

Pleasanton, Cal., August 16, 1921.

Dear Dr. Merriam:-
The work here has been going better than I expected it would at first and have managed to keep very busy with my linguistic studies on the San Jose language. I am ready to join you at any moment whenever it fits in best with your plans. I want to work with the Chimariko woman for several weeks - or months if necessary - and you shall see everything that I get and shall have the say as to what is to be done with it. I have both phonograph and kymograph here at Pleasant on and would like to use them with the woman if we could arrange to bring her to the Hoopa reservation, say, for a while. To pack them to her ranch would probably be impractical.

It occurs to me that perhaps Eureka or the Hoopa reservaction would be better points for me to get togetiner my equipment, provisions, etc., than would willow Creek. This is a matter that I can talk over with you when I see you. Perhaps I would better leave the phonograph and kymograph here and send for them if I find that I can arrange to use them. Are there no wagon roads to her ranch?

Most sincerely yours,
f.P. Marring Ton.

Pleasant on, Cal., Aug. 31, 1921.

Dr. C. Hart Merriam,
Lagunitas, Cal.
Dear Dr. Merriam:-
Your note which came saturday told me of a letter from you which I had not received. I wrote at once to Simi, and the result is that your letter written in rureka August 7th and addressed to me at simi was forwarded to me. here today. It was to be one of the events of my life to go on that trip with you. And I missed it, and what is still worse, disappointed you when you had planned to have me along. Bad as you must have felt When you wrote those lines in Fureka, you cannot feel half as badly about this as I do. I would rather have done anything than disappoint you or put you out in this way. I feel especially sorry and ashamed when I think that Mrs. Merriam and your daughter went to $\operatorname{Sin}$ Francisco and telephoned to the hotels here at Pleasant on asking if I was here, and when I realize that you may have delayed your trip several days on account of my fallure to show up. Confound it, what has happened is just what I did not want to have happen. I sent you those two telegrams at my own expense because of my resolve to keep in touch with you. I told you that I could not make pleasanton before the first, but owing to delays quite unavoidable on my part it was late in the afternoon of the 6 th that I reached here. I rushed to the postoffice expecting of course to find some wo from you awaiting me, but there was no letter from you in the bunch. I was somewhat puzzled about it - had been intending to telegraph you when I got here. I spent the evening getting located, and rented a
room at a private home. In the morning I hastened down to the rancheria and was able to size up the conditions there quite promptly. After dinner $I$ went to Livermore to look up Trinidad, returning late in the evening. I wrote you on the morning of the 8 th, letting you know that $I$ was here and telling you the proapects for work here. And now I know that the evening that I arrived here you were camped midway on your trip between Lagunitas and Turekal I would still have been able to overteke you at Fureka if I had only know it. So you actually took the trip to Krs. Hoble's place on horseback in spite of the doctor's advice [MO, 9 didint-cam] against riding. ${ }_{\wedge}$ My, but I wish I had been along: That was to be a privilege neverto be forgotten by me our doing fieldwork together on the supposediy extinct Chemareko.

I am not going to cry over spilt milk. The trip was made without me. The situation has its bright sides as well. The woman is still living. You have found two others that have some knowledge of the language. And $I$ am still invited to Lagunitas. I only wish that I could show you in some way stranger than words now truly sorry I feel. Maybe I can rescue a whole lot of the Chemareko fanguage for you or do something like that. As I told you, I do not care if the material I am going to record is not published for years, and shall be perfectly delifted if it can be published under your auspices and in good typographical style.

I have been working steadily with Angela on the San José language. It is a work of sheer mercy, the rescuing of this old San Franciaco bay idiom from oblivion. Angela's teeth are nearly all gone, she does not know how to pronounce the words slowly and clearly, and her memory slips a $\operatorname{cog}$ as often as it makes connections, but slowly and surely I am building up a good lot
of material here. Some interesting details when I see you. I am watching the postoffice closely since saturday for further word from you. I expect that the Chemareko will go much like this work with Angela - very slowly. most truly yours, J.P. Harrington.

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Pleasanton, California,
August 26, 1921.
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Dr. C. Hart Merriam,
Lagunitas, Cal.
Dear Dr. Merriam:-
Your letter of the 25 th is just received. I am quite excited over the news that you have met two other Indians who speak more or less Chimariko! I am so fixed here that I can come to Lagunitas on the shortest notice and then we can talk over matters in detail. You will doubtless hear from Dr. Mann soon and will then tell me when to come. In haste,

$$
\begin{aligned}
& \text { very truly yours, } \\
& \text { f. P.tanningTon. }
\end{aligned}
$$

P. S. Mrs. H. is not with me.

Burnt Ranch, Califor ${ }^{2}$ ad al ${ }^{2} v^{\prime \prime \prime}$ OCt. $24,192 \%$

Dear Dr. Merriam: -
am mailing you under separate cover a little box containing two specimens of plants in which you may be interested. The kind with the heart-shaped leaves is used by the Chemareko as perfume, the stalks, leaves or roots being pounded up and rubbed on the skin. It was user thus especially by young men and women, so Mrs. $n$. says. The other specimen is that of a very scarce bush with brilliant red berries. It grours on Happy Camp mountain. Mrs. $n$. knows the name Gut has not yet succeeded in recalling it I want to send these fresh specimens before they wilt. I have many more interesting plants to send later.
most truly,
2. Pi tarring Tox,
$\therefore$ "Chiemareko: Correspondence (series of 7 letters from J.P. Harrington to merriam 1921,1922). Published in part in Survey Report \#68 II pp. 226-229.


1, Mans. Noble's Ranch, Trinity County, Cal., Chmariko Sept. 11, 19 $=1$.

Dr. C. Hart Merriam, Lagunitas, Cal.
Dear Dr. Merriam:-
made mot of the railroad journey by dark after all. A freight train had been wrecked in the first tunnel north of Hop rile, a car turning sideurse in the Tunnel. This delayed us more than seven hours, so that our train reached Eureka in the small hours of the morning. It was too late To be worth while hiring a room, so 1 waited in the station and Took the 7 o'dock stage to Arcata. The stage for Willow Creek left arcata at 8. On the stage 1 met Mr. Daily, who owns a ranch only about a mile from Mrs. Nobles. He advised me not to get off at willow creek but to stay on the stage as far as Hawkins Bar and go in with him ores the trail that roses the ridge from there $t_{0}$ his place. $I$ decide $\delta$ to do this, and it saved me considerable expense. At Willow Creek $I$ had time to shake hands with both Mr. Adams and. Mr. Smith. As it turner out, we reached Hawkins Bar so late that we decider to have M. Daily pack part of my load in that evening, and $l$ slept at Irving's place and followed on foot in the early morning. I had dinner at Daileys and got in the afternoon with Sally!.

The first thing that she told me was that she had heard that you could not visit hes again this year because you could not side, but that she wanted to tell you shat she was sick and could not work for you anyway, for this kind of work is "awful hard." That made ing heart go way down into my shoes, but $l$ told her that you had sent me and that 1 had come a very long way to see her, and she consented to work.

She was quite sick for more than two months this summer. She was very weak, had no appetite, and lost very much in weight. It seems that she had the influenza in april of this year, and that was the start of her troubles. People that know her tell me that she could not possibly have worker teaching her language in the middle of the summer she was so weak. She is such better now r than she was and claims shat her appetite is improving daily. But all agree that she has suffered a general breakdown this year and that the road ahead of her will probably not be a long one. Rescuing her language is a question of now or never, ans it is so fortunate that we are getting this lick at hen now eristhout further delay. Her knowledge of the language is good, almost exhaustive. There are fou words that she cannot recall and she
knows somme rare and unusual ones. People who knew her mother say that Sally talks poorer English than the mother and knows fully as much Indian. All this is splendid. and means that with persistence everything can be strain tenet out.

Have gotten in three days and a half with Sally already and have shown her scores of specimens of plants. The Daileys and Frank noble have helped collect specimens: We have also gotten specimens of the Jerualem cricket, ant-lim and several other insects, and good old names for them. The name for ant-lion is curious; it is yoo-rah mah-cho-li-da, mourning dove's grandmother. I got both names for the rabbit species inly yesterday, one came to sally in the night. They are: hee-wee-nol-lam, cottontail vatbit; $h$ ě-moo-hol-lah, jackrabbit. The che-mah-re-ko also have two names for Tick species: ts'ee-na, large wook-tick; t'eep-hoo, very small tick species, known also as hé-moo-hol-lah t'eep-hoo-ee-dah, jackrabbit tick. Having no words for beans, they duthed them also ts'ee-na, literally ticks!
a curious anatomical term is chach-
hi. This is said to te the name of a small muscle, the size of one's little finger or smaller and resembling a worm, which occurs in the shoulder of the deer. Indians when eating boiled deer meat used to th now it away in disgust. It was carefully explained that it is not a worm or parasite, ut a muscle. Am also getting the placenames ittraightenes out and will write you at length in a few days about these and-othen interesting points. She sticks to it that the Che-mah-re-ko called ironsides mountain $A$-wo Trek-dah, literally great mountain. The first people used fo make pilgrimages to the top of that mountain when they got old, and would pray there and descend young again. The mountain called Big mountain by the whites is not ironsides, but the peak opposite Mss. Noble's ranch, the indian name of Big Jnountain being Moo-neh-nah-tse. Thus this matter also is straightened out.) For more exact information about these names you will have to wait til $l$ get the langrage better analysed. Nuns. Noble knows some fragments of myths to. and will dietate them to me when we get a little farther along. I am paying
her 3.50 a day in silver and have given her a silk handkerchief and ster presents. She will not stand for very long hours because of her farm work and then frail condition. 1 pray to $g o d$ shat we can get the bulk of her language now for she is not likely to te here to work with next year. But the work at lest is quite a strain on her and $l$ do not knows how many weeks of it she would stand.

The second afternoon she disappeared into hen house and came out with a little elkhoin money box. From it she extracted a string of fine old dentalium money, some pieces carved and others wrapped with the skin of a small snake, the name of which has been recorded. And in the box were also the beads that you sent her. She values them much and says that she has fold Frank that if she dies she wants to be buried in these "Injun beads; and "whiteman beads" that you gave her, 1 am sensing out for further presents for her, for she will need every inducement to keep hen going. The Daileys ane fine people and $l$ am getting two meals there daily. 1 will send you a lot of plant specimens by the Lime you get back from your propose. $\delta$

Trip.
Did you ever hear of the tribe known to the troop a as sah-ya? If not this may yield important result's. They are said to lire down the coast and it may turn out that they ane the "hongatl." at any $\rightarrow$ ate il is a tribe south of Eureka somewhere. another interesting matter is that the tribal name che-mah-re- $k_{0}$ has the initial sound clicked. I did not notice this the first day, but now hear is plainly every lime. It should he written ch'e-mah-re-ko, with clicked ch'. I got the etymology of Chém-too - wahk-tah, whiteman, onterbay. et is elided from chem!tah Hoo-arahk-tah, ehémtach meaning across the ocean or on the other side of any body of water; and tho. wahk-tah being the term for "comer." The wars therefore means comer from across the ocean. They call horse the same do dog, and Domestic $c$ at the same as wiefcat, with "atiteman" sometimes prefixiof to these names.
with kind regards to twas. Merriam and your Daughter and vivid memories of Liagunitas most tolly, yours.itainingTon.

Burnt Ranch, California, Sept. $30,1921$.

Dear Dr. Merriam:-
Sally, has at last remembers the real old name of tronsides mountain. It is cha-lee-dan $a h-w o o$. It came to her in the night and is connected $\delta$ etymologically with chal-dah-som, the Chemareko name of the New River Tribe. Thus the name throws light on Tribal boundaries. I also got some fine long fragments of myths that mention the mountain. All these 1 will show you in detail later.

Have just finished my twenty-thind. continuous day with Mss. Noble and it is a work of pure mercy, the rescuing of a once widely spoken language from extinction. Her health is poos and she is very weak. She cannot walk from hen lower house To her upper one without getting all out of breath. Her appetite is at times poor and she passes sleepless nights. She has a cold most of the time. She likes me and is doing her very lest to help us out. I have
sent away for various presents for hes and am paying her 3.50 per day. When I have suggested lying off a day, she has. invariably said no, that she would rather work. And so we are starting on fourth week without a day's rest and she is standing I well. I am of course writing early and late to keep the notes sonted and do prepare the questionnaire for the following day. If this can only be kept up for a white longer we shall howe something great, for she knows hen langwage thoroughly, including smatetes of the most interesting kind of information. 1 have so many things to show you that 1 hardly know what to send you first, but am making a list of plants ant animals, questions on which I will send you soon.
m ns. Noble alas knows a lot of fine old native Chemareko songs, the difficulties in the way of getting these are great, for she claims that hen throat will not permit hen to sing. I have been rather dreading asking
her to let me fake her picture, but ms. Daily has a picture of her which she is willing to let you and me use. I am enclosing the film. Mss. Noble's face appears to be $0 . k$. in this film. Could you not have a print or enlargement made of the face and bust and then return the film to me here? l feel sure that this picture will serve the purpose in case $l$ cannot get a better one.

I am enclosing some lines on the 1 Lagunitas home. I may have dime to revise these later. I wrote them on the train that night when il was coming up here. Perhaps a goof photographer can lake off the black discoloration side of Sally's head in the picture. The girl beside her is green's oldest girl. It is so fortunate that we tackled oms. Noble just at this lime. Will have all she knows if the work aantinnes to go as well for a month or for longer.

Please give my regards do your family.

Very truly yours,
g. P. Harrington.

Burnt Ranch, Cal., oct. 6, 1921.
Dear Dr. Mérriam: -

- Am still here with ms. $n$ : and the work is progressing. finely every day. It is indent a work of fuse mercy, rescuing a language and lore that will otherwise be forever lost. She is holding out finely despite hen having one cols often another, and il have worked hen goof hours some lays when she felt pretty weak and sick. When you see this material you will rejoice art me that
- so much has been stained. I am not

1 ready even yet to send you the numerous plant specimens that il have collected here, for new references to them keep coning up in the work and $l=k$ ow some if Them to her again and again in confection with our $D$ isenctions of the names and other words. A may not want to sent them until il leave here, which will not be soon 1 hope. She knows The whole language -it is merely a question of memorizing all the words and worming it out of her little by little. your kind letter of September 27 is just received and 1 can give you all the words. There mentioned. I have The hummingbin $\delta$ and the wren identifies $\delta$ with certainty. The base of a thee, cliff.
or mountain is hee-chee-hoon-cheh, but the bottom of a basket is hee-wee, the same os the Guttreks of an animal. The butt-ent of a stick, however, is to-no-ect. around the house. is ah-wah chee-nah-kel-la, or else -pooryeh added to the accompanying verb. Already is fhoorrah-koo. always is mah-soo-noo. not yet is rendered by hah-nee-mat, irregular negative of hahineerm, yet. Lever is the same as nevermore, no more, and is experesser by pah-tral-lah with negative vent. on top of is tso-wo. ar the middle is ah-kah-mec-nal-lah. The word for yellow is ah-mahn-troo and means pale, sallow avo well as yellow - "ike an Indjun looks when he's got the yoller jaundice." trelek-ihei, Runningbirs, mint not be confused with tres-les-lee-chei; a bug that "looks. like a grass hopper but is not one, sings in the daytime, in the summer, when 't is aufil hot, like the cricket (yo-ror) but sings in the hot day, not in the night."

I am so busy here A hardly gat time to keep up with the notes. Have chopper a lot of wood for tues. Noble do
pleaseher and am corking late every night and early every morning to keep up with the notes.

Il greatly appreciate your kindness and interest. It is uphill work here at best and requires great patience but we are going so have a stunning manuscript if ms. N. wilt only keep on for a couple of months longer. most truly yours, ).P, +taming

Chimariko
Burnt Ranch, Cal, Oct. 15, 1921.
Dean Dr. Merriam: -
Am in the midst of my sixth wreck with Mus. 1 . and am so busy It seems as if $l$ could $\delta_{n}{ }^{\prime} \tau$ get dime enough to work own the notes. We are getting the myths all in lydian it is splendid.

How first of all about the matters of pure business.

If it is not going Io bother you too much $l$ am going fo ask you , under the circumstances to express the four baskets to miss m. \&. Clark, 1875 monroe St., N. W., Washington, D.E. Please pack them in a light box of wood $\sigma$ of parteboard ans sent prepaid. A will settle with yen when know the charges. If parcel post is cheapen, sent that way, mark them as sent by me, and yore do not need to write hen, since $l$ will tell her that they howebeen sente the is the power behind the throne at the old B.A.E, and I think the baskets will please hen much.
now the scrapbook of Taylor's articles $l$ am going fo ask you to send to mus. J.B. Walton, Ix. Mary's

Street, Pleasanton, Calif. She will Sake as good care of it as of a baby, and if it is carefully wrapped it will not be likely to get lost in the mails. I hate as much as you do to send it this way, but if you leave it at the Clocker Bank in Pan Francise. if may sat into my time badly to get is out. I have thought the matter oven carefully and believe that we would better risk $\mathcal{L}$ sending if to 3 . Walton, you san express it to hen if you thence that it is safer.

Now please be very careful about keeping it secret that il an up here for if those theenies hear of it it will spoil all our plans. Please speak to Miss clemence about it and ask, her to please not mention it to anyone. And when you get hack to Washington, please do not mention it so Fewer, michelson or anybody.

The postman is about ready $f$ stan so $f$ shall hour to write more fully next mail. Tl have important information from m. Bach Buasell, half-breed Ch,emareko, that Ketinchow (a place 15 m 20 miles south of Ityanpore and sean the headwaters of the Mas River - $d$ an not sure
how to spell it and damnot find it on the maps that 1 have here) is a Chemareko placename, and folly agree to this too! It means the place of a kind of wild anions. Sam-nah-ma, a feat near the mouth of $x_{\text {or sh }}$ Fork trinity, ; chemareke Lerrifory!! Some one should Lay to go do the Lead of the mad river region - there might be indians living around ligan pom or thereabouts who could straighten tHese fouridanies out.

With the kindest regards to your family,

Truly yours,

$$
j=h \text { P.ttaringTon) }
$$

P.f. Please let me have the name of the off woman at Watsonville if you can find it easily. If you are not going to veter do Lragunitas $x$ recess to me that $l$ ought to mention this nour, since my next letter may not catch you there.
$l$ hope to ger at last a digen negatives of mas. $x$. if she will stand for it. But that must be one of the last things.

Burnt Ranch, California, oct. 19, 1921.
Dear Dr. Merriam:-
Am now in the seventh week with Mrs. $n$. and am getting the information foster and straighter than any previous week. By considerable effort the has succeeded in recalling foo or three animal stories me about the. Oed Deer and the of Bean, ane which might be entitle f ta Woman. Who Turned into a Bean, and also another fragment. A have secusif these all in Indian, a work which requires considerable patience both mi hen part and mine. They read very well, an will be an important addition to the Flood =tory, 1 starting in to revise all the early work with her and am making fine additions and connections all along the way, The grammatical material also is looming up in lange proportions. The language has quite a rich structure, one might almost say intricate. There are indicative, unreal, negative and interrogative forms of the rent and one of the fullest tense systems that you can find in any tanguages, The future tense alone may be rendered by He following
suffixes, each evidentty with a paiticular and definite sphere of ueage: -h, -han, -han'i, -hanan, -hanat, and -ni. And all these are'in camion use, and when she volunteers a word a second time she may gine a different suffix from that given at first
pronunciation.| This will all mate a fine showing ans 1 hope the work can have the proper printes form. When you interviewes the off thay Fork hidian man wh. told you about abe Bush (Ed Boosh, JMs. H. calls him), dif he also mention in off woman as knowing the themarabo language, $I$ have a faint recollection that you told me that, and He other day oun. Bach Brussect, or half-breed Ehemareko, Poll me that he thinks thene is an old woman oven by Hyanporm who talks his inther's language. Perkaps you will semember whethen the olf man whom you interviewed at thay Fork Lold you of such a womarn. It is a matter shat might possibly be wortt while for you on me to look int. il want to stay on here for a couple of mantts yet with oms. $n$. - have ney heart sat on it. I will write you frequentty and let you \&nour
just how the study is progressing. I do not understand about the
Taylor manuscript not being at the Bane oft Library, Professor Bolton told me that if was there, although It tiv not see myself. Whom dis miss Clemence ask bout it? A believe it could be dug up, it must be there somewhere.
I rejoice that you are able to do some $l$ rejoice that you ane able to do some more wonk in basthern California and only wish that il could go along as your interpreter. As l bold you when in Washington, I have swept absolutely clean in the Chumashan region (Santa Barbara, Ventura, and Santa Yous), daking more than den years to do it, but outside of that very limited area there ave oceans of informatem that is being lost overnight. If you go to Las Vegas, her., do not fail to ask for John Cottonwood, the Indian who has knowledge of the Victorville region. I wish you could interview joe Guzman at pleasanton. He lives at the rancheria and can give you some fine stories. You ought to get him to show you e those spirit footprints of which il told your and which did not have time to visit on to photograph. He aldo knows
placenames around stockton. He is old and you should interview him at once, It is also of vital importance for somebody to go to folon and get the Salinas Valley placenames before it is too late. there is an aged far migueleño woman named Maria Ocarpia who knows theseand not a moment to lose. They can dell you at golan where she is, she mai j be at Santa Rita.
lam disappointed do think that d will not be able to again visit you at Laguinitas, as we had intended, bat eishen in Washington or wherever we can get together $l$ want to show you the tine material then ms. N. has given and plan with you what h so with t,

Please remember ice to Jus. m . and to your $\partial$ daughter, and write me if anything further recurs to you that we should get from ins. noble. She cannot recall. the name of the tribe south of tyanpon, by the way.

Very truly yours,
P.8. Enclosed es mn latest.

PPR. Fill send you a lot of plant specimens later.

Angola froplewinturnken mother told her that the San fore name for the Sans Juaneño tribe was 00-hri' aah. The also told angela that she had many friends in that tribe. Cannot form a plural to this word $\delta$, and the form which she heard may be plural.

The san Jose tribe were nicknamed ah-kwa'-nah and also nep=pe, these being two common words in the language, the former meaning "so. hay" and the Caller. "este."
Recdifor IS Harrington - 1921_ oran

Burnt Ranch, Calif., Oct. 28, 1921.

Dear Dr. Merriam:-
1 have apparently good information to show. That the ehemareko territory extended far enough up the Trinity river to include the Chatman ranch, which is situated 13 miles upstream from the confluence of the Mort Fork of the Trinity! The Chatman place is describer as a flat on the south side of the Trinity at on rear the confluence of follies creek with the river. The Chemareko territory also included Kechinchow, 15 or 20 miles south Hyampor, and not shown on the maps accessible to me. The downstream boundary line was somewhere in the vicinity of William Noble's place. The tribe at the Forks of the Salmon was called Hoo-nom-nich-hoo (note the presence of distinct $h$ of ten the ch), ans urns. $n$. says that William Noble's wife's mother talks that Canguage fluently and is at preaent at grants Pass on at least somewhere in that vicinity in southern oregon.

1 am now in my eighth week with Mrs. Ho. and she is remembering more and more. It is vital to this work for me to stay right on ait her while I have the lanynuge memorized, and
stay with it till the whole langrage is rescued. And such an interesting language! It has aspects just like Polish or Russian, a perfective ans imperfective. Egg., lu'in, I took a drinst; but len' it, $l$ drank, was in the act of drinking, or starter to drink. h'idinda means the same as lu'it but emphasizes the progressive. connotation of the imperfective. Another curious feature is that in telling a story they frequently just mention the name of the speaker and mit the wort that means "says" or "said." This is the same as is Bone in our dramas. They name the speaker and the quotation immediately follows. It is curious to fins this in a so-callef "primitive" language. $I$ am starter on this work now and al going $t_{0}$ see it through no matter what sacrifice it may mean to do so.

Dames have been obtained for eight different kinds of "indian potatoes." W. must go through all this information cavifuely together when the time comes. Every day Jus. $n$. is recoding new and important words. and her son, Frank, is helping me with the collecting.

We spent several days on anatomical
terms, and obtained one very curious one. It seems that inside the fat of the groin of The deer there is a worm-shaped piece of muscle os "meat" which the Chemareko have a special term for, namely Ko-chum. They Unow these gland $\delta s$, or whatever they are, way in disgust because of their worm-like appearance. how $l$ could $\delta$ not undentand mas. $n$. well on this subject, Gut Frank killed a deer recently and $l$ told him to be suns and let me see the $K_{0}$.chum. I secure $\delta$ a specimen and an enclosing it in this liter, when fresh the gland is of a livid or bluish color ant about $1 \frac{1}{4}{ }^{\prime \prime}$ long and $\frac{\prime^{\prime}}{4}$ in diameter. It is entirely encased in fat on suet, apparently. mss. H. Thinks that these also occur on the shoulder of the deer, at the apex 7 the shoulder. The name Ko.chum is also applied to a kind of worm, a specimen of which was also luckily obtained. This $T_{00} l$ am enclosing. It is apparently what is popularly known as the galley worm. the phonograph has assired but the blanks have not yet come through.

I am enclosing my latest rinses, on primitive song.
most sincerely, John P. Haring Tom

Burnt Ranch, Cal, Jan. 6,1922
Dear Dr. Merriam:-
Mrs. $n$. is sick abed with a fresh cold, and 1 believe $I$ is the part of wisdom to rest her up for a while by my going elsewhere. She has been fulling wretchedly most of the time for several weeks past and $I$ have been concentrating every, energy on the work for il knew that il was indeed making hay while the sun shone and that she has only get a little sicker and it meant intermption for the work. 1 may stay on here for a few days more to see ip she feels better, ut shall probably leave here shortly and go To Watsonville. mus. $h$. is very feeble and wien probably not live very long. I shall return by all means in the early spring witt hope of working with her further. The conditions for collecting more plants will then be farmable, 1 have a considerable mass of material on placenames, plant and animal names, anatomical terms, etc. Realizing that my Time with her was probably limited I tried of get the essential points of the grammar. This material will all be sent to you, and I shall also show you the linguistic ziaterial. The plant specimens are still here. Every now and then reference to them haas come up and 1 wanted to keep them here to show $T_{0}$ hes.

1 made a special tip to ark mu. Sack Buscall, hoff-beid che mare $k_{0}$; further about the placenamex, anis read to him the section of your letter that deals with the Chemareko- Hor'-rel-muk boundary. I am sorry to stale that he has no definite knowledge on the subject, but say, that his mother, who talked $\delta$ Chemareko fervently, Toed him that Hettinshour is a chemareko word and that the place was Ehemareko territory. He sticks to ir that the mount of Soldier creek was a chemareko rancheria. I He tells me of two informants who would know hor'-sel-muk and prssitly Chemariko placenames up in that region. $\sigma_{2 e}$ is ms. me Kay, who lives at Ayanpor. with her son,. Johnny. She is very of, and has lived around Iyar pom all her life. She talks Nos'rel-muk, is said To be the oldest living nol-rel-muk indian. The other is m. Russel's mother's relative, ms. Ruth Dawson, who resides at present at foliar creek. He says she is seventy years of or more and talks same chemareko, he thinks. These are evidently informants that should he interviewed without delay. But it doubt if any living informant begins to know the Chemareks language as well as Dhs. Noble Ohs. montgomery and M. Bush Chose surely do not, abe Bush's mother, by the way was raise ot Aunt Ranch and spent mot
of her life there, so the chance of Mn. Busk the placenames around Ryan pom is slight. I intens, however it thy to corse with him and with ms. montgomery - and witt Ihs. Dausco ant ms. Mckay. The noble material should be sorter first in order \& get full value out of such interviews.

The "Sweet-after-deact" is the plant that ms. knew. Thank you for your prompt identifications. You seem to have a veritable mine of information and to be able pout your hand on every thing promptly. I $I t$ is curious information about the calling of inguinal glands and myriapods by the same name, is nt I?
ms. 77. is "tickled to death" with her flack Goad necklace and has it lying side of her Ged. And $I$ was in the same fine of mind when $t$ opened up the little package of books of poems, which you evideritty sent me hull in fun. I read some of The poems To this. $n_{1}$, just To see what impression English poetry wove make on the American hijjun. It is "just like preach over," she said.

Il an enclosing a print of a picture. which mus. Daily took of hons ides mountain, The sacred peak of Chemareko mythology. She ores not havel the negative and has on ct one print. hows this is a good picture, and perhaps you would cite to have' a
copy made of it. Please return the original print to me and $l$ will return it to mos, Dailey;id am also enclosing a print of the find of New River at Miss. Noble's ranch (Pak-too-na-djeh). It shows henson, Frank, fording the river. This is also lent by buss. Daily and 1 thought you might like to haw l a copy made of it.

1 am enclosing some verses which 1 have just written, busy as of have been. When If get lonesome here $l$ write verses to amuse myself, and, 1 know that $y$ on don't mind my sending them to you.

The material already obtained is supficient for making a publication, but the material dan be made tienty-five percent, os even fifty percent, better by putting in another fro a shore months, if the poor old lady's condition will only permit. If note what you say about the collection of plant specimens. 1 fall sure that most of The specimens trained can be identified. Ms. $h$. also knows a good many plant-names that she heard mentioned without having seen the plant. 120 hope that $2018 f a$ at Watsonville is stilt alive. It may rum out To see mus. Montgomery on the way down.
most sincerely,
pis. address me at pecetianton.

Misc/M-H/BL23 Merriam-Harrington correspondences concerning fieldwork

2 of 2

Burnt Ranch, Cal., Sec. 9,192\%

Dear Dr. Merriam: -
I was just the happiest on an in the whole United States when 1 got your recent letter giving the name and address of Joseph, the old Hoomontwresh woman at Watsonville. It is splendid. Let us hope and pray that she is still alive. I shall try to interview her in the spring. It will be especially important and interesting to go through De la Cuesta's "Mutsun" material with her and try to get it straightened out linguistically. My gratitude To you knows no bounds, and do not be afraid that you will not have your shave of the results. And it seems so attractive to learn that she is kind and willing, and of the right kind of personality for this work.

Am still struggling along with this. Noble have lost only two or thrice days the rs for since ansiving. And if eves a poos old lndjun woman deserved credit for doing hen best and trying to work when she did not feel like it, It is she. Trouble f with asthma, kidney disease, and sheumatism, a surcesaion of ore cold after
another, and many sleepless nights, she performs her daily giving of information Gavel and has new material to volunteer every morning which she has recalled in the night. Two on three move norths with hen is going to mean Triumph for the Chemareko. language. The enlargement is aloe just receive $\delta$. cannot the eyes be touched up by a good artist os photographer - The portrait might then be quite usable. I have not yet approached ms. n. on the subject of letting me photograph her, but A know that she will not like the idea.

Will wite again soon.
duos sincerely,
$f=$ P. Harking ${ }^{\text {on }}$

Watsonville, Calif., fan. 20,1922 .
Dear Dr. Merriam:-
Hare arrived to find mas. Josef a Velasquez still living, but in bed, evidently never again to rise. It is a great disappointment. It is more cruel than if she were dead. Fifteen minutes from the time the train pulled in last night $I$ was at hen home on Lake Avenue a four blocks north of the center of town. Her son was vary kind to me and let me come in where his mother was lying. There was the off Indian woman, in much emaciated condition, lying on then back on the bed where she haw been for several months. Her hair was now white and she had a kindly expression on her face. There in that hear was the whole San Juan langrage, forever lost to this world. The whole situation dawned on me in an instant. It is ToO bad. Part of the time she does not recognize her own son, But before $l$ go farther, let me ask you if you obtained her picture. She sits up for a few minutes each day and her son would assist in getting a photograph taken of hes if you think it would be valuable. I have net had much experience with indoor exposures and the best way would be to get a photographer to come out from town. I believe that it could be easily arranged
if she could be made to understand to sit sill, and the photograph would certainly be striking. After son told me that she is 89 years off according to the Mission records and that she talks the language fluently, and that she could have taught me all. Se la Cuesta's "Jnutsun" grammar and phrase-book could all have bun correcter, and it is a loss worth being brokenhearted about. Her son says that the doctor says that there is nothing the matter with her but old age, but she is tor feeble in her present condition to tell me even a single word. Too bad, too bod. a year ago she was still working about the house, if you think a photograph of len important and worth the effort it would Tote, please tell me.

I left all .my' Chamarecto notes at new r. River, and if oms. Noble pulls out of her pireacent feeble coition will return to continue the work with her. Mss. Dailey is keeping the notes for me. The time and money that would have been spent with Ais. Velasquez will now the devoted 18 hunting other informants in this section. It is a difficult task, for these gente del pair consider', it a disgrace to have it known that they talk ing Indian. But persistant hunting and a tip how and then will locate some informants if such are to be found. Even a monteith's delay in doing this work only mean more beach among the sonly ones who might enow a little.

A will kep you informed of my progress here. Am going to ononterey Tonight.
with kindest regasiss
with kindest regards,
most truly yous,
John P. Harrington.

Los Angeles, Cal., April 5,1922.

2 Dear Dr. Merriam:-
your eater of march rot has just been fowwied to me hare. The tears came to my eyes when $l$ read this news. Yes, it was a emprise, for 1 thought that she wowed probably pull Through the winter. So she lived only tiventy days after 1 left her. Prot old soul. If ever an aged lesion worked hans and steady when she dir not feel like it and really was not able to, it was she. She seemed to realize from the first the responsibility that she was under and the reed of the work, and I laid myself out to please her. She told me several times clusing the last fer days that il was with her and, when she was no longer able to work that she thought she was going to die, and asked me of her our accord if we had enough to make a book. it was quite remarkable how clearly she underatord the whole situation. I was planning to go back to continue the work with mas. Noble in may. I hare been sending her a nuraber of presents (green vegetates, fancy crackers, fig candy, aluminum kittle, etc.) out have witter her one tetter, to which l got no reply. Evidently Ms. Daily was not sure 87 my address (although il Toto hen to address me at Pleasanter) and so finally
wrote you The sad news instead, I wrote a letter to Frank graham the other day and was about To write a menutes of litters to the region preparatory to going Pack, when the new's of he death came. Now $120 n^{\prime} T$ know what To do. Was it your impression that mus. Lucy montgomery and m. abe Bush were in good health? If you think that they are likely to survive until the fall, a ail be tempter to wait till then before returning To the Trinity. and then tuns. Ruth Dawson at Junction city is not to be fougothen - it is all a gamble hour much she may tenor of the language. And ms. Mckay at Ayanporm must be interriened by all means.

Bad as 1 fud about miss. Noble, the loss of the mutsurn language is even more to le regretted: And the conditions at monterey are heart-reriding. Vivian is dead, and after long and thorough search $l$ could only find informants who hare the merest smattering of the tongue. The vocabulary which I am sending you was obtained though painful string le of many days, mainly from Tomas torres, nephew of Vivian. 11 am sure that you will be greatly interested in the vocabulary, which is for you to keep. It has a feer unusual actors. how what in the woolf is the "cho.hen," described on pp. 5 and 6?

Please put on your zoological thinking cap and see ifyoncan solve this mystery as easily as you dido the "tusa" when un e were at Lagunitas, The description in the orcabulary is vertation a it was given to me, and further questioning seemed to bring out no further facts.

While in monterey $l$ was toff of a very old indian, named apolonio, living near Jolon. I found him to be a carmeleñ̃o lydian, but having no knowledge of the language, having been bought up to talk Spanish only. I thief him out faithfully, giving him gratuities, begging him to help rae, aid pronouncing Esselen as d carmeleño words to him, but without success. He said that his father was a mexican cholo, that his mother died when he was a ball and that he never learned the "idioma," which is rent possible. I should guess that he aras problatty form in the thirties of the past century.
$l$ wish that you could go in with me on the proposition of getting the San miguel eño placenames. The only person who knows any of these is maria Ocarpia, of whom 1 wrote your in a former letter. She lives near foton, at the rancheria. She rught to le taken' by automotile fo cholame and elsewhere. She does not know many placenames, but even a fees in this region are very precious. I have
no interest in these placenames that she could locate except that for the sake of God and the world somebody ought to obtain them, and without delay, so that they wort Ce lost forever. Ot cayucos of found that my informant, Roberto villa, had died. I intend to return to monterey shortly. Do tell me how you are after you operation and when your are coming tack to the coast. The lnitians out here need you bally. They ane dying off, don't forget that.

I know that you will hold this letter in the strictest confidence, so also the inorierey vocabulary. I have been getting the Exselem paper into very thorough shape, but have net found anyone who eruct off even a and to the Esselen information. The name is, $l y$ the way, really Exelen, s mooted out in Spanish to Esseles. (or Eselen rather, with single 5). And what do you make out of Rurnsien and the word's aliases? Tomas torres declares up and brown that the Spanish form is Runsiano, and theist it means 'rootherncrs," lining derived from rum-sen-Ta, "en el note."

Expect to back in Pleasanter and riles in a few weeks to finish up the work there, but address me for the present at 528 Federal Bniteding, Lias angeles, Cal., whence mail will be forwarder. your daughter's note which you askif
hen To write when you were in the hoapitar, expressing grief over Josefa's condition, has just recently been received by me the of ten several forwardings, am enclosing some verses on áchista, which is, as you know, the of indian name of monterey Town.

Very sincerely yours, John P. Having Ton.

Montereyano Vocabulary.
Recondes chiefly from Tomas Torres, suphem of Viviona. The orthography is Epanish, lut sh has its Engtish value.
ne-ya, now, Taday
char-way, temonou.
u-wik, yestenday
a-1a ak ish-men, the sur has risen.
a-ra a ish.men, the sun has set.
num-sen-ta, in the north.
or-pe- $\bar{h}_{0}$, might.
or-pe-tio ish-men, moon, lit. "night sun"
$y$ - -kom, hail
siaremps, ice.
cha-pur, laks.
chu-pel, mountain.
e-cher, inm, metal.
pu-tru-usk, corn, maize.
-mo.yor tisk, stick, thee.
es, plant
ina-cham, Jog-
ta-tra-ki ma-chan, coycte, lit. "wied dog." mu-kyamk, man.
la-chyamk woman.
ia-sen latchyamk, to Cove a woman.
ni-mink, kill him!
-Te'yook che-roch, eek.

- au-nen, turtte.
mu-men, fty.
wo-men, aing.
he-rips, feather.
ka-oltr, my shoulder.
ka-aurish, my chin.
ka-katik, my nape.
ka-pa-yan, my thigh.
ka-ku-lurh, my eltow.
ka-she-tet, my lips.
ka-shim-pun, my eyebrows
ka-pirtin, my bally.
pa-ke-le, weod-tiek.
katrs, wite it!
hork, suallow it!
um-an, hummingbisd.
ats-yamk, girl.
ka-mesh-ma-yisp, I shall kiss thee.
ka-wash-sate, If shall nowst it.
$k a-i t_{\text {-k }}$ an, $l$ am turngry.
ka-wa-tin ta-ruk, lam going home.
in-ka-che, why?
pol-pols, spotte $\delta$.
in-way, when?
in-ka-te, how do you do?
in $-\tau_{a}$, what?
ka-wash-lik, $l$ am coughing.
Ia-rak-tai-mk, gob.
si, water
ye-chem, devil.
si-ny amk, buy. mus, breasts
a-pan, my fathen.
a-nan, my mother.
da-ha-win, my aife.
i-kle-sya, chunch (from Spanish).
a.ma, people.
$a-n i-y a-w a-\operatorname{tin}, k_{a}-u k$, where are you going, my friend?
ka-la-ku-nim, lam dying.
mi-sih, it is pretty.
ka-muk, my son.
ka-is-wen, my drangtter.
ka-tau-sins. my brothen.
ka-tan, my sister.
ka-utr, my head.
$a$-chis-ta, monterey.
mak-wa-tin-in a-chis-ta, let's goto
monterey.
kak-si, whiskey, eit. "bith water."
Kar-men-ta-ruk, Carmelo church site.
ha-kau, mussel
ha-tach, sea-usehins
au-lun, abalons (from Sparish)
esh-hem, seaced.
u-rak, salmon.
sar-Ti-na, sardine (from Spanish)
tu-na, earth, county.
$n-r i$, forehcal.
hin, eye.
lask, Tongue.
sit, Toeth.
hook, thoat.
is, hand
$t_{a}-k_{u} c h$, leg.
ko.no, foot
chach, tone.
tut.lun, buzzand
ka-si-ne, my heart.
pa-chan, Ceord.
$y a-y$ ar, chief.
pa-chu.wat ya-yar, the captain is coming.
ka-u-chis, my utensils, my belorgings.
Ku-chan, speon (fiom Spanish).
munts, $t$ is dask.
chor-kest pirne, it is a dy year.
i-ney, nood.
kau-tak, at the beach.
ku-tay, light the fire!
eh, ground-squirsd
we-ren, cottontail natbit.
cheis, jackrabbit.
Entamia-li-san, suake species, forgets which kind. iph, ratltesnake.
$\rightarrow$ is-kan, bin
moth, eng
hi-reh, avodnat sp.
ck-sen, quail
? sh sirh, eagle.
pah-last, white
kar-sist, black
$y u r-c h i s t$, sed.
i-sak, Gig.
pu-shut, small.
eu-shox, old man.
le-she-hem, old worman.
la-kust, dead
e-he, much.
e-he ter, mucho frio
e-he tank, mucho color.

$$
\text { im-ha-la, } 1 .
$$

u-Tis, 2.
ka-pes, 3 .

$$
u-t_{i n}-t_{a}, 4
$$

ha-le-is, 5. The last syllable, is, means"hand".
Ti-wis, flowen.
ti-wi-nin, it Hossomed.
da-Tols, my kner.
kas-kai ka-tols, my knees acke. in-ka-te rak, Hhat is your name?
hom, wildcat.
pa-ehu-i-nan, it is naixing aheady. kurk, pinole.
shorTo, fire.
kar, smoke
ethe kan, lots of smoke.
cho-hen, an animal that lives in the sea, seven inches long, has sed skin outside,
has no shall, only its Gackboxe (Span. espinazo) is hard and tapers Gut all the rest of the animal is like sent (Span. carne), has no Spanish name, was eaten $G$ the Indians; does not know i whether it was free-swimuning os attached, $n$ any thing about its habits of life; not a fish but an animal in a class all by itself, rather uncormmors, considered as for $t$ she inositeneyano lydians; a curious animal.
chi-re, ashes
ToT, meat
abs, salt
te-wen, acorn mush
tu-mir, good tasting, savory.
kat, bitten
ones, bear.
tih-shin, skunk.
kat, norw.
fu-kum, horned sol.
Toad. wa-kach, trad species. Not sure which kind.
ru-ruts a-hin, he has quite eyes.
ya-me-hi- fa him, he has orwneast eyes hut sees people.
Rah, head-louse.
rah, Gody-louse.
tip-tit, short.
yech-mist, wicker. Ep. ye-chem, devil, p.Z,
pi-xa, there, youder.
shi-ya, here.
chi-ya ka-ta-war, here $l$ am.
kwe $\rightarrow 0-t e y$, there is not, shere is none.
hu-ya, there, used e.g. in pointing out an
otject.
amp, who ?
amp mu-wi, who is it?
$k a$, it is $l$ (ans.)
unh, smottle, mucus.
ya-un-huat, el es moceso
e, yes.
am-hai, to eat:
wi-chup, zun!
ina-kish-chit, let's dance
chu-nuy, to sing.
ech-nen, to skep.
rich, To speak.
ka-su-mit, gire me!
mat-yan, money.
kas-ka-mot mat-y an, lend me (some) moncy.) si-na mu-kyamk the mat-yan, That mon has much money.
Tap-ne, above, on top.
win-muy pi-se, under the ground. kok, Tail.
w-kan, mortar.
war-shin, Thay-basket.
shi-wen, a basket with pointer Gellom waed for sthaining acosn meal. pe-neks, housecat.
rix, mouse.
me-re, grandmothen
kas-kas-a-ki por, a feea $i$ 位me.
por, flea.
oh heds, mountain-lion.
hu-nush, turtle-Jove.
$m$ - hormet-Taaj: Cannet quite recall. ch_, whale. Cannot quite recall. me-hel, white surstance in cornen of eyes. lo-kest, enoss-eyed.
?? purps, hat.
shoh-luat, eowardly.
li-tust, having inly a few teeth, having gap, in one's teith.
och-kost deaf.
an no-tey, wheic is it?
in-ta ro-tey, what is it?
wa-ruk, his house. ruk, house.
wa-shum, wief gropes.
en-sen, (tacktenies, (Hot a Titename!!!) an-Tus, another.
por-por, cottonarod,
tach, To kick.
yet-ka-mesh-li-ki-nin, $l$ am going to hit you (with a stiek).
tach, a kint of hairy rats, gray colosed, four inches long excluaire of tail.

E-chi-lat, Lan Francisquito.
Hu-nu-tul, the hill where the fort is near monterey wharf.
fir-hin-ta, a place, but cannet remember where.
ko-teps, shoes.
Hoo'rup
ka-mush, pipe.
sa-wans, totacco.
po-lo-kus, grasestrpen (not at all cettain of the word).
Lahlk lark, goose.
yu-sun, Juck species.
ka-kun, bant species, e munct reanemen whick kind.
hek-chost, stiong.
ka-eu-shem, $l$ as old.
pan-ke-rank, star.
tuhs, day.
? - mur., nighr.
meich, cloud (not sure of the form). wa-chos, liver.
? - puth, wind
pa-chu-mun puct, the wind is blowing.
Tominszeleghes tormins, seal. Dces not know which species.
? Ro-mun, wref.
i-chin, hole (s.g. of ground-squizul).
ki.net, a species of fish, torgets which kind.
la-wak, long.
mak, we.
ku-we, no.
pi-~c, (1) worec, (2) yeas.
ka-Tar, my ecusin.
ku-ka-tu-man-hin, $l$ cannot walk. chi-y is, a alking-stick.
ka-yi-na, clicken (from fpanish).
ki-ni-la, culthead fisli,
termets, shark.
ka.men-sens, my nephewr
ka-ni-chis, my futtreks.
ru-pi-yast, crazy.
e-loh-sost lazy,
e-Tsa-yap, shut up!
thi-tiap, get reag!!
cha-kyuls, horse.
dar-sist cha-kyuls, a black hosse, kash-u-mi si, give me craten!
a-ni-yit-men, ctuse $\partial_{0}$ you come from?
pi-na a-chap, he is ryying.
ka-iu-sen tass, $l$ wish to minate.
tor-sis, wrine.
ka-la-kun, l shall die,
ka-him-sun, $l$ am dizzy.
u-kesh, To drink.
i-ne-me-iu-sen u-kesk, $\partial$ eyou want a drink?
w-ru, to take, to seize,
$k u-n o . t e y$ si, thene is no water. $\therefore$ rek, a stone.
in-ha-nix, to be sick.
im-hatta Falk, a Sollas, wa-a-hin-in, it Gurnt upreks, guTs.
$\therefore-m e y$, all:
[carbon ]

XXXXXXXXXXXX

Dr. John P. Harrington
528 Federal Bldg.
Los Angeles, Calif.
Dear Mr. Harrington:
Your letter of the 5 th inst. has just arrived along with the Monterey vocabulary and an appreciative poem to "Achista." I am glad to hear from you again and to know where you are.

Your vocabulary I see is from a nephew of Beviana Torres from and from Jacinth Gonzalo obs ed several hind words and other matter in July 1906--16 years ago. Senora Torres told me that she came from the old rancheria at Sur, the name of which was Kah'-koon tah-rook', and she said that her language was the same as the A-ches-tah of lionterey.

I have just compared a number of words in your vocabulary with the same words in mine, and find as a rule excellent agreemont, al though there are some discrepancies. For instance, for tree, you have fish; while I have Mo'-yor. For elk, you have che-rech; while I have Te'-yook. For Abalone you give the Spanish name. They gave me $00 \frac{\mathrm{ch}}{-\mathrm{ch}}$. For the numeral 4, you have u-tin-ta; while I have two forms, $0^{\prime}$-chit-tim and 00 -trit-tim. For hat, you have pups. They told me they never had any hats. For pipe, you have ka-nush; while I have Heórup. For wind, you have gath; while I have Tar. For night, you have mun; while I have $\underline{o}_{\text {Or-pĕe-tre. For crazy, you have ru-pi-gast; while I have }}$ Mah-se-est. For lazy, you have e-loh-sest; while I have 00-ne-yoost.

The marine animal your informant calls cho-hen is too much for me. It may be a Holothurian. However I am writing Dr. Walter Fisher by this mail giving him your description and asking if he knows what it is. Will let you know later.

The Snake given as li-san is the common Garter Snake (genus Rutania). Your wa-kach is the common big Toed that comes about the house evenings.

Your to-mins seal is the Sea Lion (genus Zalophus).
You have girh for Eagle. I have Seer for the Bald Eagle and Seu-ker for the Golden Ragle; but was not able to get a fair series of bird and mammal names owing to the circumstance that old Senora Torres did not know or did not remember her names.

You give tach as "a kind of hairy rat." The nearest I can come to this is Topk. the Pocket Gopher.

You heve en-sen as the name of the Blackberry; while I have En'-nem. You have ho-mun for Holf. Does not the neme suggest a kind of big Cat, as Bobcat is Hom. And is it not doubtful whether these people ever knew onything about the true Wolf as distinguished from the Coyote?

It makes me a little faint to see that you have adopted Kroeber's Spanish nemes for Indian tribes, us ing "Wontereyano" in place of A-chēs-ta.

Replying to questions would say that both Mre. Montgomery and Abe Bush were apparently in excellent health when I last saw them, but Wrs. Montgome ry is a very old woman. Bush, on the other hand, is in the prime of life and has every appearance of
unusual strength.
I note what you say about the importance of getting place names in the Cho-lame and adjacent region. Possibly we may be able to arrange the joint trip you suggest at some time during the season.

Have you learned anything about the Yak'-shoon at Salt Lagoon? There used to live at Monterey, a woman of this tribe or band named Anastacia Garcea. Her plece was near the house of Mrs. Myers. Another Yak'-shoon woman was Mrs. lustin whose eerlier name wes Prisca. She lived at the Laguna. It seems to me important to leam as much as possible about the Yak-shoon. Owing to my innocence of the Spanish lenguage I was practically helpless.

Where is Hash-sho'-wen, and where are the hot springs spoken of as Lqua Caliente by the Monterey Indians? And where is the spring called Aqua Zarca? It certainly is important to locete these places if possible.

Prom the 2 old women, Beviana Torres and Jacinta Gonzales, I obtained 9 words or short sentences of Eselen, which of course are at your service.

Owing to a complication of circumstances I heve not yet been able to have enlargements made of the 2 photographs you sent me.

For several weeks I have been both overjoyed and overwhelmed by an invasion of California Indians--the first I have ever known to visit lashington. They are from 9 different
tribes, and I am getting a splendid lot of materisl from them. in addition to the verificetion of vocabularies previously obtained. Have secured the names and locations of dozens of rancherias not previously on my maps or lists. And one of the men will be here in a few minutes.

You will be interested to know that our marriod daughter, Dorothy Merriam Abbott, has a week old boy (our third grandchild). Our younger daughter, Zenaida, is now in Cambridge to help them out for the next few weeks.

With bost wishes.
Very truly yours,


## SMITHSONIAN INSTITUTION BUREAU OF AMERICAN ETHNOLOGY

WASHINGTON, D. C.

Dr. C. Hart Merriam, Washington, D. C.

## Dear Dr. Merriam:

Your letter and the package of Hulsey myths were delivered by your messenger and it is interesting indeed to find that these myths obtained by me are different from those embodied in your book, and this bears witness to the truly enormous amount of information carried in the head of that old annalist of the Modesse tribe. I want to thank you especially for the identifications of birds which you have so neatly written in and which shows me how far afield were the names which I had in the paper in practically every instance. In the meantime I have been reading your An-nik-a-del, as a number of others here in the building have been doing, and Mrs. Walcott told me yesterday that she has received a copy and that she hopes to read the myths. I told her that there is philosophy as well as mythology in the book. She is about to start on a tour west for the purpose of investigating Indian conditions and expects to visit some of the California reservations, including the Hoop reservation. I shall be glad to follow your suggestion and publish this Hulsey material if I can ever get time to do so. I am at present writing up the ethnology of the Taos Indians of New Mexico and there still remains much to be done before $I$ can even finish that report, since the material is bulky. I have retranslated all the early mentionings of the Taos Indians in Spanish historical sources and am going to publish the Spanish text on the left and the translation on the right hand page.

It has now become apparent that Dr. Swanton will not receive the appointment of Chief, and that no man in the Bureau or in the Museum will be chosen. This means going to outsiders to select a man. I can not think of anyone in the whole group of anthropologists whom we know, who would exactly fill the bill. It is a curious condition of things. There is a strong clique of anthropologists headed by Boas and I should greatly regret seeing them get control of the Bureau.

Very sincerely yours,
 1 Ap of $2^{d}$ batoch
Roben" T'i I Kahka'E= Ehis, Kah,kah
"Lil liha" Rhanom Ha Ok
$\left\{\begin{array}{l}\text { "Col-sud-Beuhd" "T Tamitalal" of na! } \\ \text { Kinglind-- Ehä-mé-tah-lol or } \\ \text { "Smifi"-"St'iniw"" [Kilder-Stin-nea' os] }\end{array}\right.$
"Howhe"- Hanit't'u'nta - [Handucure Mechitah ch]


Fr JCA?

Check letter: from JPH to CHM se Costanoans dated

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Publ in UCAS-R 68
III: 384 - JPH द Hess to cum sept. 29,1929, Nov.51929 Dec.3,1929, Jan. 5 : 1936 ,

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\text { Washington, D. C., June 5, } 1928 .
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Dr. C. Hart Merriam, 1919 Sixteenth Street, Washington, D. C.

Dear Dr. Merriam:--
The news that Mr. Wagner has published on the voyage of Cabrilla seems to me like another tragedy that has befallen my California work. Your letter has just been delivered and I have just sent to the Library of Congress for a copy of this publication. I had not heard a word about $1 t$. I have been working especially on the place names contained in the Cabrilla account and sent to Spain and had a photostat made of the original manuscript. By years of work I have succeeded in identifying absolutely many of the place names. It is most discouraging to learn that another man has gotten ahead of me. What he may have, I do not know, but will write you as soon as I see his publication. But some of my informata ion is from Indians now dead and he surely cannot be strong on the purely philological aspect of the study unless he spends years in studying the santa Barbara language as I have. At any rate, I made a great mistake in not getting my notes, which are this moment practically ready for the printer, into print. Again, no one could deplore that I am dragged into this Taos work more than I do myself. But there is nothing to do but to go ahead and put it through. This I am doing at the present moment and will probably have this work far along by the time that the new Chief come in.

I do wish that you could help in some way to ward off the possibility of putting Kroeber in here as the next Chief. The veil of secrecy has been drawn over the whole situation. Stanton is debarred because of the age limit. It is perfectly plain that they do not want anybody in the Bureau or the matter would not have been handled as it has been, I cannot believe that they would appoint Kroeber to this position and yet everything that I have heard lately points that way. I have heard from several sources that Kidder favors Kroeber. It seems that John C. Merriam should have definite opinions about this matter and that he will take an interest in it. If Kroeber comes here, I will have to get out. It seems to me that now is the one time when you could help the Bureau with your advice and through your friends. The applecations are already filed with the Civil Service and there is no time to lose.

Most sincerely yours,
f.P.Hanington,

Dr. C. Hart Merriam, 101916 th Street, Washington, Dear Friend:--
"An-nik-a-del" is just received. and I am simply delighted with it. After my own interview with Hulsey and knowing your own work and devotion to these studies through many years, I am in a position more than anyone else to truly appreciate and love this iittle book. Thinking that you may like to see the material that I got from Hulsey, I am sending it you under separate cover. When you get through with it, please send it back to me here at Washington address. My purpose in going up to the Fit River country was to get data on the language, and I wrote down other information only as it was thrust upon me' and because it seemed a shame to let it pass by unrecorded, not that I ever intend doing anything with it. Since I was up there, Dr. Jaime de Angulo and other students of Kroeber have been dabbling in the language and I don't know when I will get time to work out my grammatical and phonetic notes and texts. I am a better and a wiser man for having known Hulsey. He was the dearest man and I got a thrill from listening to his myths thet I have never felt before or since. I felt like camping up on the mountain there forever. Why is it in this world that we can ${ }^{7} t$ do what we want to? Those days with Hulsey were more to me than years have been, even in this famous institution.

I want to write to you also about another matter. The appointment of a new Chief of this Bureau has been placed in the hands of the Civil Cervice Commission. The age limit of the applicants has been extencied from 50 to 53 years. Dr. Kroeber is 52. Dr. Wetmore has gone to California to see Dr. Kroeber, and it is rumored that Dr. John C. Merriam is in Iavor of Dr. Kroeber for the position. Please do something immediately to save this situation if you can. The appilications are to be in before the end of May and the appointment will be made in June. If that party comes in here, fifteen years of my work will be ruined. I am enclosing the announcement just issued by the civil Service, by which you will see that a special board of examiners has been created consisting of Secretary Abbot, Dr. Kidder and Mr. Brown. The time in which you can help is short and the need is great. I am no \&jarmist but know what $I$ am telling you.

With kindest regards to Mrs. Merriam and your daughter,

> Most sincerely,
> f. P. HarringTon.


#### Abstract

SMITHSONIAN INSTITUTION bUREAU OF AMERICAN ETHNOLOGY washinaton, d. c.


August 23, 1927.

Dear Dr. Merriam:--
I read with interest Kroeber's pronouncement on your Pit River paper in the last number of the Anthropologist. I do not know what is the matter with me, but every word that man says rubs me the wrong way. I do not know which is the more distasteful to me, his disapprovel or his fulsome flattery.

While I have been held back here this summer going through the tortures of hell because I could not be doing fieldwork, reperts have come of recent activitiea of Sapir, de Angulo and Kroeber in California in connection with the Peanutio-Hokan business. I have heard that Sapit has written to Dr. Hudson at Ukiah asking about Pomo informants. If he writes to you asking about Chimariko informants, I beg of you for the sake of all that is good and holy not to divulge them to him. I have hositated about writing to you in regard to this matter but have gotton worked up to such a pitch I cannot help it. I did not study Chimariko for the purpose of making Hokan discoveries, but for writing a thorough grammar of the language. Some proud day I hope to be able to lay the finished manuscript of this grammar before you.

When Mrs. Noble became so sick and run down, I "went out", expecting to return in the not remote future to continue the fascinating work with her. The manuscript consisted of a pile of paper three feet high. For continuing the work with her I needed the manuscript of course for constant reference. To take it out and bring it back with me was impractical and even mailing it involved a danger of loss. So I had to do some quick planning. So as not to put all my eggs in one basket, I divided the manuscript in two parts, putting it in cartons and tying them up neatly. I left one parcel in the stororoom in Noble's log house, the other in the care of Mrs. Dailey who kept it in her bedroom and promised to throw it outdoors in case of fire. Mrs. Noble died a few days after I left. My fieldwork was then cut short a little later by having to return to Washington. Then came the nows that the Daileys and Nobles were no longer on good tezms. I considered most carefully having the manuscript sent to me. But this seemed to involve more than one possibility of loss. So I decided to let it remain "as was" and trust to the gods for its protection. When I returned to California I was on the Burton Mound expedition, under joint arrangement with the Heye Museum, which tied me up very much and brought me again to Washington without getting the manuscript. The next trip to California found me driving into the Irving Ranch and hiking upthe mountainside Dailey-ward. I had stopped in kureka to get the key to the log house from Frank. Found the manuscript all there 0. k. at both places. Mrs. Dailey's goitre has entirely disappeared. I now have it partly worked over and hope to have it in final form before many moons.


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Dr. Fewkes is again in the hospital. He never got so he could walk very well after his operation and the wound still discharges. While he was hailing a taxi on Ninth street the other day he fell and came with the whole force of the fall on his nose. He broke the nose bones and has worried tho doctors by being strangely drowsy. This morning they are taking an x-ray picture of the fracture and say that the symptoms indicate more than the fracture or the mere shock.

With kindest regards to your family,
Very truly yours,


Washington, D. C., June 11, 1928.

Dr. C. Hart Merriam, 1919 16th St., N. W., Washington, D. C.

Dear Dr. Merriam:-
The article by Henry R. Wagner entitled "Voyage of Juan Rodriguez Cabrillo (being Chapt. IV of his Spanish Voyages to the Northwest Coast in the 16 th Centuryd, of which you told me in your recent letter, was sent from the Library of Congress a couple of days ago. It is fascinatingly interesting to me and he presents the informacion which was drawn up in Guatemala by Cabrilio's son, which was new to me, although most of the other historical matter I had already gone through. Wagner's presentation shows much detailed study, but there are some important things that he has not hit upon, and many details in connection with the placenames that he is a perfect outsider to. I have already several times as much material on the Cabrillo narration as he has and an still gathering, etill improving.

Fagner presents in all only 57 pages. Pages 20-27 give a general presentation of the subjects the ilfe of cabrillo, how only summaries of his sssumed original report survive, general account of the royage, identification of the Indian placenames, identification of the spanish placenames. A facsimile of the same manuscript that I got copied in Seville is printed, then a transla-i tion of this document, reparagraphing and in places rather boldiy interpreting the text. This is followed by the account given in Herrera, Historia General, 1615, and by that in Lopez de Gomara, Historia de las Indias, 1552. A translation of two paragraphs from the Información drawn up in Guatemala 1560-1561 by Cabrillo's son follows. Then 7 pages of notes.

I am going to make my atudy of Cabrille exhaustive, sparing no trouble or expense. And I am going at it too, just as soon as I can get through with this horrible Taos report. Deathlike silence reigns here as regards the coming chlef. Do you suppose it will be swanton after alli I give up trying to imagine. We know as lattle about it as school boys know about who the new teacher is going to be.

Most sincerely,
f.P.HarringTor.

# SMITHSONIAN INSTITUTION BUREAU OF AMERICAN ETHNOLOGY WASHINGTON, D.C. 

272 Lane Street, New Monterey, Calif., September 3, 1929.

Dr. C. Hart Merriam, Lagunitas, California.

Dear Dr. Merriam:--
Still remembering my deep disappointment when I stood by the deathbed of Mrs. Josefa Velazquez at her little home at 54 East Lake Avenue in Watsonville in 1922. I have diligently searched through the spanish speaking population here with the result that I have found a poor old woman who still talks the San Juan language and remebers somewhat also of adjacent languages. This is Doña Ascención Solorsano, who formerly lived at San Juan, Watsonville and Gilroj. I have already been working for several weeks with her, making a gramatical study of her language, and have discovered many interesting things about it, among them that there are both long and short vowels and long and short consonants. I have memorized the vocabulary and already know a large percent of the words. The Phrase Book of De la Cuesta, published under the auspices of the Smithsonian in 1861, containing about 2800 sentences. I have corrected down to sentence 1485, and De la Cuesta's Grammar, similarly published, I have completely reheard and straightened, adding many additional grammatical forms and examples. The woman also knows myths, songs, and all kinds of other interesting information. You are not only invited to come here and work here with her, but I sincerely wish that you could come and correct you former and very priceless notes from this part of the country. Of especial interest, and unique as long as people inhabit California, it seems to me, will be the place names that you obtained from the vicinity of San Juan, Hollister, and Santa Cruz. Here is probably the last chance that will ever be afforded in this world of getting further light on these place names, better translations of thera and analysis of them according to the grammar and dictionary forms which I have here and which the woman still holds in her head perhaps as yet not drawn forth by questioning. Therefore for the most unselfish reasons I would like to rehear and analyze these placenames for you, while this last woman speaker is still with the living, or to cooperate in any way, or best of $2 l l$ to have you come down here. The woman is grievously sick with a tumor and with effort sits up to work with me some six or seven hours a day. She is seventy-five years old. I am living right, here at the house. Adaress me J. D. Harrington, Care of José Mondragón, 272 Lane Street, New Monterey, California. It is a rare chance and privelege for me to do this work, for she is a very good informant. With kindest regards to Mrs. Merriam and yourself,

Most sincerely,
SMITHSONIAN INSTITUTION
BUREAU OF AMERICAN ETHNOLOGY WASHINGTON, D.C.

272 Lane street, New Monterey, Calif., Sept. 16, 1929.

Dr. C. Hart Merriam, Lagunitas, Calif.

Dear Dr: Merriam:--
I do not know when I have been so delighted as I was to get your splendid long letter of the 8 th , so brimming full of information of every kind to check up upon. As I look back on it 211 I can think is that it is in keeping with the occasion, which is a very remarkable one. Here at 11:55 (when the death bell rings at 12:00) I have succeeded in unravelling all the san Juan language, analysing all the words and snatching them from the very brink of the grave to save for the world forever. The informant is none other than your old informant, Ascencion Cervantes, whom you interviewed at chittenden, and whose mother, Barbara, you worked with at Gilroy years ago, As I write, Ascencion's daughetr, Claudia, is in the room, and was present when you visited Barbara. She gives so good a description of you that you would be amused. The memory of these people is very good.

The work on the San Juan is not only going to straighten - out that dialect grammatically but the others as well, for they are all very closely related, surprisingly closely. I am so crazy about this work that I am not only going to stay here ail the fall, but all winter as well, if they will only let me, and so you can come down to fit in with your plans, at any time. I can even cone up and get you if you so desire, since it is only half a day's run in the car. Hoo-mon-twash is a directional name, from hoo-moon, a point of the compass, I do not yet know which, but there will be a way to find out i feel sure. To this is adod the locative -tah, meaning "at," and to this again the ending -was, meaning "pertaining to," so that the whole word means "one at the - (west, east or whatever it may be)! The plural is Hoo-mon-twas-mak. Another form a.1so in use is Hoo-mon-tak-was, using -tak- instead of -tah. -Moot-soon is also a tribename, not a village name, as you can tell from the way it is handled in the language. If it were the latter one would have to call one of the villagers *Moot-soon-tak-was, but tis is never used. It is a tribename, and this is furter proved by the way Ascencion contrasts it with watch-roon, pahh-seen, and so forth.

She has given several, brand new tribenames never before recorded, among these the TO-ho -10, "otra nacion que hablaba 10 mismo que los de San Juan," and the name of the tribe that lived at Las Aromas, the old Indian name for Gilroy (Kod́loo-lis-tak) and for Fremont Peak (Toyotak); two splendid myths (one about a onelegged children eater, the other about a great snaike that preyed on people in the santa cruz mountains), and absolutely unique names and information about material culture objects, games, basketry, and dances.

Astonishing as it may seem, she says your Yak-shoon are nothing other than the Tulare Indians of the far away Tachi Lake, and that that is the salt Lagoon near Monterey must be a mistake for that or else the word refers to a salt lake in general, which she doubts.

She knew your name wen-yeh-ren instantly, but cannot locate $1 t$.

The list of rancheria names from the old San Juan mission books was too much for her, with a few exceptions, but she will know names of the class that you ohtained from living Indians and will be able to translate and locate them. 0-res-tak is at oso canyon, near Gilroy. Pahh-seen is at Paicines, San Benito County. Other names of the list are so long out of use or in such distorted speliing in the old mission books as to throw her off the track. She knows of course 0 w-s $1-m a h$, and says they lived in the hills to the left of one as one goes from San Juan to watsonville along Riverside drive, that is on the south side of the pajaro river. She says the Ausaima grant lying far to the east may indicate something but that the above information is what her father and mother told her. Both her father and mother were San Juan Indians who married early, lived together all their lives and died in 1912, the mother 84 years did and the father 82, the father only two weeks later than the mother and brokenhearted over her death, and both in the month that carries away the Cailfornia Indians most often, the month of March. They talked San Juan language together all their lives and that is how old sick Ascencion knows it. Popeloutchom and Ysley she can make nothing out of. As it 1s, she knows almost half of the list and with further study I can get something out of almost every one of the remaining words. The names from the Santa Cruz Mission books she can also make a little something out of, though they are a different dialect. The great bulk of Santa Cruz words ohe can recognize and analyse. Her memory is exceptional and her knowledge of Spanish like that of an educated person: Her teeth are in perfect condition as far as pronunciation goes and she can therefore distinguish between s and sh, which would have been impossible with the average aged informant.

I have also interviewed your old Bernabe, have hunted up panocha and also an old woman named Merced Gonzales, a full blood Monterey woman with a face like those of pre-Columbian California. These 211 know something, perhaps a great deal, and especially Bernabe is eighty years old and failing and worth interviewing quickly. Also Marcela Diaz, an old full blood Monterey Indian woman who knows some of the language. At a wake here two weeks ago they were drunk and a man named Nacho Rodriguez was talking in the language. I got a Mexican named Bonifacio Moreno to go to Bernabe one evening and try to get him to talk the language and the result was that Bernabe sent me word by Moreno that he knows a little and will teach it but will expect to be well pald. Have also the address of a woman named cleotolde Buelna who lives in San Francisco who may know it. I have been so furiously on the trail of Ascencion lest she die before the work is finished that i have not taken time to look un Mrs. Trout and Castro in Santa Cruz, if they are still alive, or to interview the son of Josefa Velazquez at watsonville, who may know something and with whom I have been in correspondence. He is a sickly man and will perhans not last long.

I have information that the Esselen should be spelled Eselen, and that they were the Indians of the Tasajara Hot Springs, Agua Zarca the Arroyo Seco and the region north of Santa Lucia peak. Work
among your Ensenes at Jolo confirmed this although the informants (Tito Encenales and Maria Encinales) has no knowledge at all of tribenames to the north, but knew that a different language prevailed straight to the not of them and that it was not carmeleno. An old Indian named Apolinario, now dead, born at carmelo of a Carmelo mother and a Mexican (Lower Californian) father looked like a bonanza at first blush, but either did not know any Indian language or had predecided not to loosen up. I tried and tried with him and he only gave a lot of talk about the indians all being dead and talking dead words and I was surprised that even on a later interview he still refused to tell anything. He was very old.

Ascencion thinks that Wayusta, the junta de pinos, means place of the enemies. We-lel was eselen and near Soledad.

The priest, Rev. Mestres, does not know much about the Indian languages. Nothing further has been done about his founding a village for the Indians. He is now a very sick man at the cottage Hospital near santa Barbara.

Josefa Gonzales and Vivian Sanchez are long since dead., prolonged study will break down the walls that have hemmed in our knowledge here and a least brighten up many points.

I have sent to Washington for the quadrangles.
The name is syach-wen, and means where it (something that. has been closed for a long time) is opened ( $\theta$. g. a course in a stream).

No wonder Maria sanchez at Gilroy appeared nervous to you. Her grandson is here, Chico (really Jose) Higuera. He says she had a nervous trouble, trembled and finally died of it, becoming paralysed in an outhouse where she lay for two days until finally found and she died a few days later. All this directly from your friend Ascencion, with the most horrified flavor of gossip such as these people love.

Wah-ran-ee-tak means at the cut place.
Ascencion has a tumor in the vicinity of the beginning of the colon which may have started with an auto accident she received about 1915. An auto ran into her buggy and she was in the hospital for a few days after it, but was ailing from it for a long time afterward, from some internal injuries. she is now able to sit up a few hours a day to teach me and do little more. She is being treated by an osteopath and he relieves her pains and keeps her bowels in condition. Her tumor does not appear to be getting bigger, but her strength is failing it seems. She is not long for our work, but is in an excellent informant, excellent in every way, one of the best $I$ have ever had, young or old, for the language.

I do hope that you can come down and that we can rush to work this field farther, and that if you return to the east while Ascencion still lives and while I am still here, you can send some of the names that you there have for straightening out. Tell me when I can look for you and if I can come up to bring you down. I am here all the time, and any time you will suit me equally.

Young Killep of Washington had broken the news to me about Zenaida. Is it toolate to congratulate her and your The accident must have been a horrible experience, I do hope it is all over and that you are recovered. Asking to be remembered to Mrs. Merriam and zenaida,

> Most sincerely yours,
D.P. Haningtox.

272 Lane street, New Monterey, Cal., October 1, 1929.

Dear Dr. Merriam:--
Mrs. Solorsano insists that I drive over to madera to tend to some business for her and I shall have to start tomorrow or wednesday. I shall be gone for about two days. If you come down here a little later it will be better than sooner, for i shall have more to go over with you, will have it in better shape, and will have mace tome to go around after I have rescued the best of all that Ascencion knows. I do hope that you can come. If it fits in equally well with you plans, it will be better later than immediately.

Most sincerely, in haste,
D.P. Harrington.

272 Lane Street, New Monterey, Calif., October 22, 1929.

Dr. C. Hart Merriam,
1919 sixteenth Street, washington, D. C.

Dear Dr. Merriam:--
I am completely non-plussed at what you tell me in your recent letter, and your discovery goes far toward explaining a peculiar blank in New River ethnology and history which I have felt as existing ever since working with sally Noble. No "gazer at the skies when a new planet sweeps into his ken" ever felt more thrill than I do over your finding of the rlo-hom-tah-hoi. Even about the phonetics or affiliations of the name I can make no good guess; the diphthong oi occurs in Chimariko, for instance in the word hoo-noítah, north, which they would apply to the direction up New River. All I can say is that all this is as splendid as it is exciting, and I wager that it will give our bearded friend at the U. C., who has taught all the tribes of California and their exact boundaries for the past "30" years, some jar, if he ever hears of it. So this tribe was evidently wedged in amongst the Hoopa, salmon River Indians and Chimarike. I never imagined that finding such a thing at this late date was possible. You can rely on me not to breathe a word of it to any anthropologist or any living soul.

That you switched off to Washington at so early a date is almost as great a surprise to me. Your expected coming here had a very benificial effect on me. I rushed to get my notes sorted to show you and planned to take you around to interview the oldest Indians hereabouts. As I wrote you, later would have been better than sooner, for I would have had more to show you and more time to go around with
you. This is because Ascención Cervantes is getting to be a very sick woman. During the last week she has sat up in a chair only a few times and then only for a few moments. All the dictating has had to be when she was in bed. She knows a great deal and what i hoped for especially was that she might straighten out with you the animal and plant names, place names, etc. These I hastened to put in pretty good shape before your possible coming, with many big question marks. With infinite patience I have explored her knowledge of the animals and plants again and again with the ldea that every additional name was precious and worth spending any amount of time to get. During the past week I have gotten two new names of fish species that live in the pajaro River. They have given me a room here at the house, so that i am on the job $a l l$ day every day, and come in whenever I can to get a few more words, even if she can stand the work only for a few minutes. She is getting hopelessly weak and even talking is a great effort for her lately. Since in all my inquiry i have heard of no one else living who still knows the "San Juan" language, it appears to be a matter of now or never, and my devoted efforts with her have now been going on for nearly three months. She is your informant. You gave me her name and address, and $I$ went to find her at Gilroy immediately after my great disappointment in finding Josefa velazquez on her deathbed. An early forced return to washington resulted in my getting little from her in that year, and I had no idea how much would come back to her by further work. Other matters intervened and time shot by and when I again moored my car in front of her house in July, 1929, I found she was in Monterey, and to my horror very sick with a tumor. I found her still fairly spry, and she has very slowly weakened and lost flesh ever since then. At any rate, she will last long enough
to tell all she knows, and I am planning to stay here until January, 1930, if they will let me. Apparently this is the last chance to get a thorough lick at the language of this region (the dialects of Santa Cruz, Monterey, san Juan and Soledad, as you know, are very closely related), and this will certainly appeal to you as it does to me and makes me pray for continuance here till I get the last word. I have already reheard with her all the "Costanoan" vocabularies of Henshaw, Delamanon, Pinart, Taylor and Johnson and have gone through Chapman's Color Key to North American Birds with her. With three months daily practice the language is coming back to her to her own surprise. I have got a good picture of her and have copied old pictures of Indians that she has in her keeping. I am employing her granddaughter, Marta Herrera, to help put the notes in shape and to do copying work and she does the work quite neatly.

I am sending you under separate cover, as soon as I can get it into the mail, a complete list of the animal and plant lists i have obtained to date. If you can look these over and suggest further questions in certain instances which might make certain the identification, it will be an important help to the work. You do not need to send the lists back, since $I$ have the originals here. You are at liberty to do anything tou want to with these names, and nothing would please me better than to have you publish them under our joint authorship.

As soon as I can get them ready I will also send you what place names and tribe names I have. You can look for them soon.

I wish very much, for the sake of all that is great and good, that you could send me at once the half-dozen or so place names that you told me you obtained from Josefa Velazquez at watsonville (places
about Hollister, San Juan, santa Cruz mountains, etc.), so that i can rehear them and analyse them with Ascención Cervantes before she dies. It is certain that she will know them. This is the last chance. I will bet anything that she can add etymologies and additional information on these names by going over them patiently with her, and can thus increase our understanding of them. I will never publish such names as you send or do anything with them but correct them with her additional information if possible and return them to you with said information.

I have completely gone through De la Cuesta's Phrase Book and Grammar of the "Mutsun" with Ascencion, ans am about half way through the Phrase Book in a second rehearing, still getting new words constantly. I have a dictionary of about 1100 words already sorted alphabetically. Many of these will have to be gone over again and further forms of them obtained and added. I also have the EnglishIndian dictionary started, and growing daily.

Still rejoicing in you northern california discovery and promising to keep on the job right here until they drag me away by the hair,

Very sincerely yours,
flT. Hassingtm.

272 Lane street, New Monterey, California, October 26, 1929.

Dr. C. Hart Merriam, 1919 sixteenth street, Washington,
D. C.

Dear Dr. Merriam:--
I am sending enclosed what animal names I have been able to collect from Mrs. Ascención Cervantes. Incomplete as the list is at every turn, it is interesting in a way, since it shows what animals were mentioned the most during her experience with the dying language. I will try to get the names of the plants copied and into the mail tomorrow.

Most sincerely yours,
fl. Itarrington.

272 Lane Street, New Monterey, California, November 5, 1929.

Dear Dr. Merriam: --
I have just today learned the meaning of your tribename Hoomontwash. It means the westerners, in Spanish los ponienteños. I amso excited and pleased that I have at last got the meaning of this important old name, which is a real tribename, and the only proper designation of the San Juan tribe. Why the dialect and nation was called thus is not hard to guess; the region about San Juan marks the western extort of this language.

I shall send you further materials, basket names, placonames, tribenames, tc., as soon as I can get them sorted and copied.

My informant is getting rapidly weaker. I do hope that she will be able to clean the work up properly.

Very truly yours,
y.P. Harrington.

Recd Nato. II, 1929 after maras of Now. ll th him

272 Lane Street, New Monterey, California, Jan. 5, 1930.

Dear Dr. Merriam:--
If your November letter gave me joy, with its splendid help in animal identifications, your letter of the 26 th of December put me in the seventh heaven, while yours of the 27 th bids fair to change all my immediate plans.

The main thing is that yours of the 26 th arrived in time to read its precious place names to Ascencion, and with results that will be an eternal blessing to all understanding of the names of places of this region forever. She knew Ko-treh-tak, Hollister, as soon as it was read to her. She volunteered that indeed that is the old Indian name of Hollister and means the piece of the gopher snakes, the old name that her mother used to use. We-leh-lish-mo is all right too and apparently means the place of salamanders. Sheh-tcho-tak, Pacheco Peak, made her remember Pik-nah-chee, the Pinnacles, and so she went from triumph unto triumph, getting every name on your list except that for the Santa Cruz Mountains, which she did not know because it is in another language (namely, the Santa Cruz language). Also every one of the tribe names. The name of the Salinas Indians, En-sen, means wild blackberry. She still sticks to her guns that the wen-yehhave nothing whatever to do with the Carmel indians, your direct information to that effect notwithstanding. I have also every one of your Carmel place names and will write them out for you as soon as I get a breathing spell from this nightmare of the last few weeks of work with a very sick woman. The doctor guesses that she may last until March; she may go much sooner. I am trying to be on the safe side and ask wile she is still askable.

Nothing that remains to be done with her is of more amportance than straightening out the baskets. Ascencion's list stands 2 follows:

Hom-ron, an openwork basket shaped like a dishpan. LoOp- yOD, a packbasket. Pointed at base. Rook-ghoon, a narrow mouthed trinket basket shaped like a bowl but with small mouth.
T11-lay, a basketry jug for keeping drinking water. shaped like the flute basket jugs. Small neck.
Sah-wee, a crudely made basket pointed at the base used for picking wild blackberries, etc., into. Made of tole or anything they can pick up near at hand.
See-wen, a large openwork winnowing basket, or possibly a closedwork tray or basket. She knows the word but is very hazy about what it designates.
Sim-ren, a flat coiled tray, large.
Tip-rin, the common winnowing tray.
Tlp-shin, a basket size and shape of a dishpan, used for many purposes.
Wahl-heen, a basket shaped like a shovel, one end round, the other straight across, used for winnowing, etc.
Wahr-sahn, another kind of a tray something like a tip-rin.
How does this jibe with your basketology of the San Juan indians? Corrections will have to be made now or never.

The information that there are three old indians on Tor

Creek near San Luis Obispo completely knocks the underpinnings from beneath me. Will you please let me know by air mail if they are there or merely were there years agon And what language they talk? The name Maria Baylor sounds strangely familiar to me, and it may be the Maria that I took a fragmentary Sail Juan vocabulary from at the house of Ignacio Cordova at San Luis Obispo years ago, but she was apparently old then and I never imagined that it would de worth while to hunt for her at this remote date. Do tell me if they are san Juan Indians and how recently you know of their being in existence. It is my duty to stay tight here for the next few days since it may be my last lick at Ascencion. If you will send me air mail information on the Tor Creek outfit, I will head the car southward just as soon $a s$ further work with Ascencion looks impossible.

Your sending the animal names and the place names has materially increased and improved very important information.

Indians have good memories and do not forget when they have given information to anybody. Neither did Tom "Cleanso" forget that he had worked with someone before, A. L. K's statement notwithstanding. Kroeber is a stinker and I hate the sight of him. By the way, I thought that cleanso is a powder for cleaning sinks.

Most sincerely yours,


Taos, New mexico
misc./N.Mex $\mid$ BL RY

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80 \int_{c} 18
$$

LYos Kames
Co-twí-na $=$ spoon mr .
3th-ko-na = 2as Int
Hu-be-an! ne-na
Atsw-bism-ah-na $=$ sloue int
Red Willow tesple= Yau-cla-
Yah-clă-pi-náa piena
Jah'ikah $=$ Autilfe Rivss

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& \text { Hickes }=\text { Praplul en-na } \\
& \text { Sphy. nuckalis = Kla-wsjaho den-ma } \\
& \text { Hel. solitionios = Thas - The The (matup) }
\end{aligned}
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Jaos Kauns

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\begin{aligned}
& \text { Pygmy huttialch }=a \underline{L-t h u t-a-m e} \\
& \text { Basu surallow }=A h-c h \varepsilon-w o 0-a n-n a
\end{aligned}
$$

- Kew-ă-poo-nah-ah'-nah Beas 21.am Kew-ä-pah't-zä=ah'-nah znizgly Bear Baed an namestahen YVB=- 1904 -0um)

Faos Names for wameals Given by dintovio Romero, at Taos, NMax. Syptis4, 1903. Veorou Bailhy.

Qofocaileushemingus
Seinus abesti
pah'nah tschláa quan ma tshew), wha la na
Eseha, wha
spermophilus gramumms
"utanias latiralis
Eut Krah' सés, A na yal ${ }^{x_{1}}$ na kno' whes naly
Cyrompo gumiusori ké una
Pesompous rufimus: Che whenah
Motoun orilistes Kha' na ma [thif ret]
Miesotus wordax pah
$Z$ apus parah chu' la na tue' pelua' pah' ne ma Iupus pinetis pu oo una Mephitis kivak lu' luna Nosorex ah ka, ahe runa及at Ché lelgh

2 .
Fars numezals, poo Sun Slk, fuly 28, 1904- vistailny

1. Wáma
2. We éna
3. Pah ía
4. Weán
5. Punina
6. Whatse
7. Zen
8. Whecle
9. Whía
10. 7 cm
11. Ze wama
12. Te we lina
13. Te pah ua
14.7e wean
14. Ze punua
15. Ze matos
16. Te tou
17. 7e wheele
18. Ze wher
19. Weta
20. We te wama
21. We te we ena
22. Wt ti pah ua te.-
23. Pahua te

31 . "wame

- Wo wete 40. Wean $\frac{t}{4}$ 41.

50. Punua $t$
51. ." "asama
52. Watu te
53. Kou te
so. Wheele $t$
54. Whea t
55. Ze $t$
56. Te th wama
57. We tote
58. Pah ua tete
59. Wean $t t^{t}$
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ete.
61. Ketete
ad infiniture -

Misc./Arizona/BL25
$20 / 18$
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Mavajo hudian names for manmals
ang,190g Ft. Defianee arizona. 5. Whilean

Prairie DOS $=t$-glā̄'llantsyllable Cynonup gunnioni) prblonged)
sciums abotli $=$ ghló-tilh-kair
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Callospermophilus

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=t i x-z a y-t y
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Thomomps $=$ nah $^{\prime}-\bar{a} h-\operatorname{tg} \operatorname{uss}^{\prime}-\dot{\check{c}}$

Chardiles henrpi $=b \frac{\prime}{\dot{z}}-\bar{e}-$ ghe' $^{\prime}$

Navajo Names Oef.11,1908. Chnsea uts.
Pee- Deer Ry Vermon sialy
shas - Bear
Wai' - Coypte
Tasuniko - Pozemping
Glóun - praivieday
Cait'ga - Meveliot
Azetsa - Entemiar quadivittates
Azesto's. " oferavius
Zadetína - Calorpesmoplibus.
Lotoski' - S.aberti.
Lotos kina - 5. mopollomendis
Zadet ina - Co gramumus
Nazúsa - Yowoimp
Nazóna - Perompens
Atétra - Ompolomps
Tsa néna betína .. Wienotus vosdax - mans croobed litth wod.
Tsénis nása - Sorex.
Gü' - Cottontail.


[^0]:    Guessing game of 2 sticks (or other objects)..E-wem'-sawt A doll. .Hal-lal'-18h

    Water................Ah'-kah'
    River.................Chem'-min-chan'-ne
    Creөk..................At-tră' -kah
    Waterfall............E-män-k0o'-tah
    Deop. . . . . . . . . . . .... .Eechoo-hoon ${ }^{\prime}$-mit
    Shallow. . . . . . . . . . . .Kah'-lah hoon' ${ }^{\prime}$-mit
    Wet. . . . . . . . . . . . . . . . She-che ${ }^{\text {' }}$-ik
    Dry..................E-mah-chal'-tah
    Land. . . . . . . . . . . . . . . Ah'-mah
    Mountain..............Ah'-woo
    Hill.................Ah ${ }^{\prime}-$ woo $\frac{1 a^{\prime}}{}{ }^{\prime}-\tanh ^{(36)}$
    Canyon. ............... Ah-mah ho-lo'-tah
    River flat............Mi'-tah
    This place...........Am-mă-chĕ
    That place........... $\mathrm{Po}-\bar{o}$ 't $t$
    Trail or road........Is ${ }^{\prime}$-sah
    An earthquake........Ah-me chem' - mút
    Earth (ground).......Ah'-mah
    Sand..................Am-mi '-ah-kah
    Naxd. . . . . . . . . . . . . . . Mah-chi Ch-o ${ }^{-} 1$ ?
    Rock. . . . . . . . . . . . . . . Kah ${ }^{\prime}$-ah'
    Rocky. ....................enh'-taht (37)
    Small rock...........Hah-mah' -kah dā' -goo-chah
    Big white rock(quartz?)..Kaw'-nin-ne
    Salt. . . . . . . . . . . . . . . Ah' ${ }^{\text {A } k e ~}$
    A salt lick.......... $H^{\text {er chĕ }}$

[^1]:    11 Quoted by Bancroft with the following changes: Wallanmai: Chicutae, Aestaca; Mallin, Luchasmi.-- Native Races, I. 454,1874.

[^2]:    1/ In Owens Valley at Bishop and Big Pine, DOG is Pook' and Poo'-goo, varied to E'shah Pook' [or Book], meaning Coyote Dog.

