Dec. 1902
1st part diary
East part miss.
Notes - bird songs.
Petroleas

The Aqueduct at Guadalupe in 1788

Cojotitlan, Mexico

From Jan 1 - Apr 9
8 Mex. Dados. Worth 392 8 U. S. Dollar

Itinerario y Sindicatos del Estado de Michoacan 1887

20-00 23-00
A. R. Holman
Cayua

Aquainta on

March 15 17

Transfer 3 pieces baggage
to P. Pita

to

To Cuba in March 18 58

Routte to Jorullo
2 hours to Cuirinul
2
" Ciri Cigyas

Huchran

1/2 day to Ayucuana
1/2 " Cayacu

About 1/2 day to Pueblo Jorullo

From Ayucuana go to
Hda. de la Plata on which
is situated the Col. Jorullo

from there to Cayacu.
Jan 12 sent Edw B. Knight
Calc. Piantina 159, Eucatayptus
Rs. 50fr f. gr. Check on acct Jay N.
No. 201743 lat 37.40 S. 4.07 W.
Vales similar, check 50-100
date from S A G.
11.797698 m. number 8.
201744, Job sent to Ep. to L. Roca

Return 2.77 $.

Alberto Romero
Hacienda de Aguas Blancas
Tilula near Jepan

Dona Lourdes Sosa
in the plaza Jepan

Pub at Carrascal
2.89
The Tonguieria hills out along the R.R. before we reached Comacho.

have an abundance of small aguacat trees, the plains have Acacia pameziana, i.e., some aguacats and Sammellius tortilla abundant. Some small species of Cerris. The abundance of the small low-lying plants which occurs over all the plains to San Luis Potosi.

The Río has a silvery shimmering skyline in easy meadows but more or less abrupt gorges or weathered gashes along their sides.
When water occurs for irrigation, as about the river junction, the soil yields abundantly. The main crops are corn and cotton.

Half way from Juiniles to Camacho the valley or plains broaden. The mountains become further apart but the vegetation continues the same. An hour beyond Camacho (rear Pacifico) scattered mosquitoes came in to the vegetation on the broad plains became
gradually larger
+ quantities 3-6 ft
high came in
the plains near
 kept along more or less
level plains which
broaden + extend in
rises and undulations
away to low ranges
hills in the distance

but only occasional
mountains visible
in the distance

so far today from the
country eastly tomorrow
to S on the mesquite
poster desert shrubs
are in full leaf +
don't no sign of green
which were clearly visible
In Southern Texas the mesquite bushes were quite plentiful. Signs of animal life have been extremely scarce all day, only a few birds.

Same county about Conitas but the mts. have been lost sight of. Rolling plains more undulating. Covillias, mesquite, mesquite, mesquite with squash vines, cholla cactus and straight stems. From Conitas the country is limestone.
At our mill, we control the flow of water with a water wheel. We use this water to power our machines and grist mill. The water is directed through channels to the millrace, where it enters the wheel. The water's force rotates the wheel, which in turn powers the mill's equipment. We have a system of sluices and gates to manage the water flow and ensure efficient operation. The water is then directed back into the river, maintaining a balanced ecosystem.
At these yuccas came in Covilla, mosquitoe Muscahe dropped out on several species of low vapid brush. Bushes mainly stunted now come in.

About Gutierrez, the soil is quite red on the limestone and rock, the bushes become smaller. More scattering often with considerable trees of open plains. Boone with short yellow grass. The yuccas and pear beard opuntias hold their own power to grow thick cover.
areas alternating with
the open grassy lands
-the open spaces among
these plants & shrubs
are also covered with
short grass.
Mountains showing
far to the west of P.R.
to the west the rolling
plains.
Near Fronville & for
some time before reach-
ing these the shurbby
vegetation & all kinds
of large trees given way
to grassy plains with
red soil. The grassy
areas showing yellow
& the Bells of Flowers.
Typical like plant

Spiny cacti with

dark green thorns

Distant hills show

Low hills, mts. shawing in the distance

Grapenets typical form

Sonoran & the country continued that way west

until at La Piedra the

first signs of subtropical vegetation cauld in the

front of morning light

Mrs. \(\text{V}\) The candelabrum Cactus.

This continues on to

become more marked

about the shore of Lake Charles.
at 8:30 am at the Castle.

Working on the map of the county.

Plan about generalizing.

Saw the map of the county, many

On the map, went to the Castle.

at about 8:30.

About to be up at 8:30.

Plan about generalizing.

above the city, as near the town as possible.

and the town as near as possible.

And the town as near as possible.

And the town as near as possible.

And the town as near as possible.

And the town as near as possible.

And the town as near as possible.

And the town as near as possible.

And the town as near as possible.

And the town as near as possible.

And the town as near as possible.

And the town as near as possible.
lock of employment due to closing of the mines. Considerable harm falls on those workers, occasionally with death occurring among the poor people from freezing or near winter.
Attila

"Wheé-hé, Wheé-hé, Wheé-hé..."

In a musical whistle with a curious, strange, peculiar intonation.

Blue John

Navel, low stunted encouraging note.

"Kee-keh-keh-keh-keh-keh-keh-keh-keh-keh, take a anchor."

Note like very curious

\[ \text{familiar sound} \]

\[ \text{call of the Argiloxaen} \]
April 24

Fraternity. 3 for I

About a small area on

in our train road a few

miles onto Cypress. They were

male in song & were hopping

about in the low tree tops

elevating & expanding their

tail whistling out their

roar breasts while they

utilized a simple not

musical song which

is expressed by Che-

Che-rit che-rit chir-rit

chir-rit chir-rit

The first two rather slow

& the last three more rapidly

with a change in accent.

The movement of the birds

like those of a common and start

but they run more deliberately

from time to time the tail not kept

to continuously extended

Frogon citrinus song

Dread

Che-rit che-rit chir-rit

chir-rit chir-rit

The first not a hard

prolonged rolling whistle

with the lasting a series

of high rattling notes in a

diminishing tune so

that the last is quite loud

The first two

Chir-rit Che-rit Che-rit

Che-rit Che-rit

sometimes the first is

a sort loud rapid rattling

whistle the final noting are

drawn out intoned dimly

imply but prolonged each a little
Cardinal song
Chew-chew-chew-chew-chew-chew-chew-
Chew-chew-lusty
notes rapidly in a rather
thin piping tone
not full rich like C. virg.
2 Weeks at Mount Shasta

The volcano appears to have a deep crater, and where the summit was, there is a wall but not a cone, as shown in the photo. This shows the depression of the mountain ridge to the north across the canyon from Jordan's steam level to here 765.

The pines are on a high elevation, all high lattice on tapes and canons just above the last cone and as shown in the photo. This species covers the depressed floor of the mountain ridge to the north across the canyon from Jordan's steam level to here 765.
Cicadae has a low note like the rooster, suppurated back of a small dog wuf, wuf wuf, but the ordinary sound note at night is an explosive

Hummer nest near nest 21 ft long pendant dead branch hanging in shelter of former hanging cliff was about 12 ft from ground. Side of nest attached to the upright stem 20 ft above resting on a slender branch. The base of the nest is made of small dead leaf stems, small twigs, & similar vegetation. Scraped back together with birds and with many of these scraps pendant.

thing on spider web guyed to the long 34 ft wuf is black so that from above the nest looked like an old spider web full of small dead twigs & leaves. Pretendedly caught them. The top of the nest is fine pale yellowish vegetable given green kind forming a deep thimble cup in which was a single long slender ovoid egg which was joined out (Nov 15/23) Hummer atop fell 2 coats nest height 35, width 18, top 35, depth 1/2 cup 1/2
Jewelry making.
The common mode of song is a loud, full chorus like the syllables top-e-ché, top-e-ché, top-e-ché, and then a loud who-pé, who-pé, who-pé.

The Selk'num told the story of Don Santa Claus in 1 day from La Union.
1 day from La Union
41 in a Jornada
3 days of the trip.

La de Limon road to La Union.

Mex, Iroquois
Pyew
Pyew-pyew-pyew
Klu-klu-klu-klu
Klu the last 4 notes
Klu the first 4 notes
in a complaining Whistle to the 4 notes much lower.

Mon musical but
only audible a short
distance from headner.
In telegraph office at Auburn
A small girl about 9 yrs.
Bone lighter with light blue mantle & black cap.
Slight about neck.
Beak short & forehead white.
breast & crown white.

Peralta began on Jan
7, at 3rd month. On the
23rd at Barca I advanced him
600 on first months pay 600

Meh 7 Karaman gave him 100

Apr. 3 Cash (El Leon) 200

May 4 200 Arrivo Cash 200

May 9 Nash Achniqote 12.05

12.47
Zamora-La Barca 2.57
Ortona - " " 83
La Barca - Quad 3.24

Nighthawk = Alcon

Goldman 2 days
18 to 12-50
14 -
15 - 16.50 for
19 - 17.75 paid hotel
21 -
22 - Ada 51.90
23 - Apu Pataaro
3 Leaq. South of town