

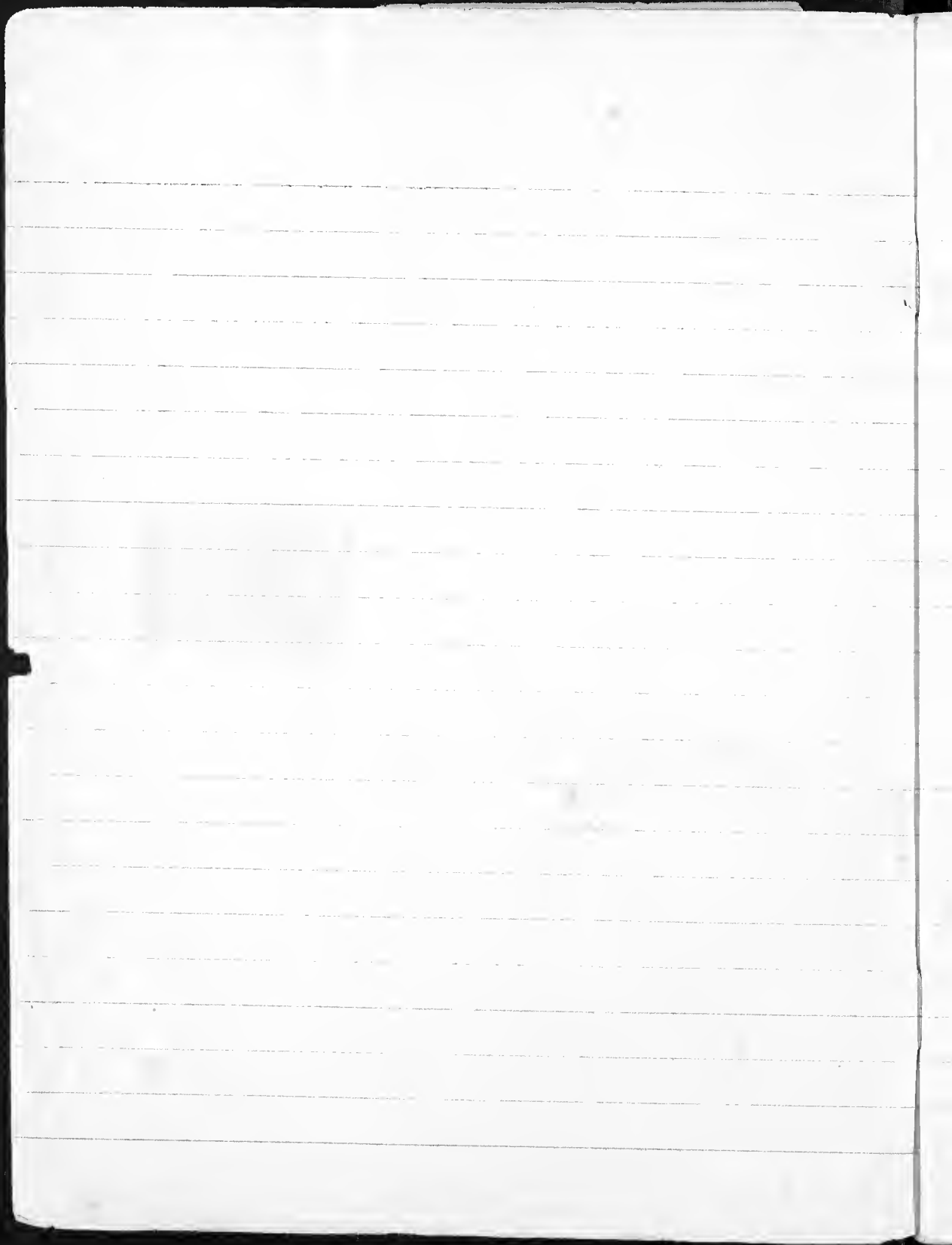
5100 - 5330

Spe

5100 - 5330

Cuaderno de

Perteneciente a



Dec. 26 Bogota Neiva 7-

Ferrocarril Guadalupe-Tolima - Huila

Tapi Carr 718/78 to Est. Sabana
with baggage 65¢

Train ticket 8.95

Coffee 40¢ + tax .30

Spiced banana .35

Local beer 1.25

Wagon 1.00

Food 1.00

25 (with cap) 1.00

25 (with cap) 1.00

25 (with cap) 1.00

25 (with cap) 1.00

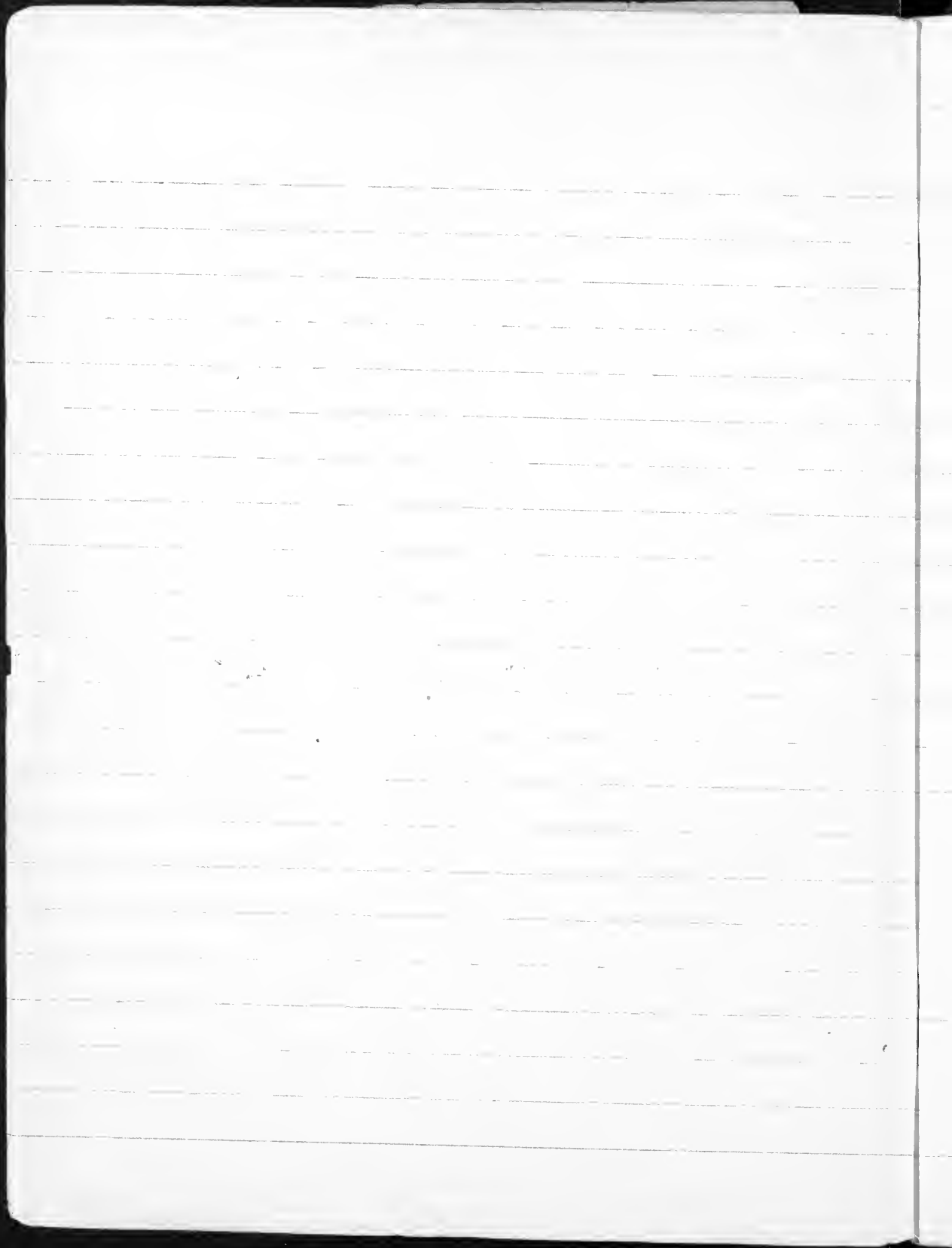
25 (with cap) 1.00

25 (with cap) 1.00

25 (with cap) 1.00

25 (with cap) 1.00

Entertainment Beer etc 1.50



Dec. 28 Monday News

Bought purchases

Saw Gov. Carlos Martínez Borero

Got gun permit

Had transportation to Patacito

✓ Medicines (only charge up 1 day, soap etc - 1.00)	2.60
✓ Soap	.15
✓ Soap, haircut	.65
✓ Ice cream, beer, etc.	2.20
✓ Intermediate	2.50
✓ 2 rolls vaselichrome	1.70
✓ Express baggage	15.00
✓ 1 timbre nacional gun permit	1.00
✓ Canvas	3.90
✓ 3 drinking cups (80)	2.40
✓ 3 plates (1.00)	3.00
✓ 1 coffee pot	2.00
✓ Telegraph Forberg-Holding	.62
✓ Hotel Dec. 26-28 incl. (3.50 day)	9.50
✓ Hotel Villareal (28)	2.50
✓ Train Villareal	7.50
✓ Fare - Train	1.50
✓ Fuel	1.00

Dec. 29 Tuesday Neiva - Pitalito

By bus 5:00 AM - 3:30 PM

"Transfederal" Bus of Sevin

Arturo Duaga called Jan Skiles, Cook
of bus chassis \$3200 + bus body made
in Col. \$800 - Total \$4000. Needs

tyres & ladder.

✓ Ben Fabiane

2.70

" Villanet

2.00

✓ 4 tyres @ 200 Kilos

3.00

Took with

Luis F. Vasquez (Pitalito)

Florencia - Pitalito

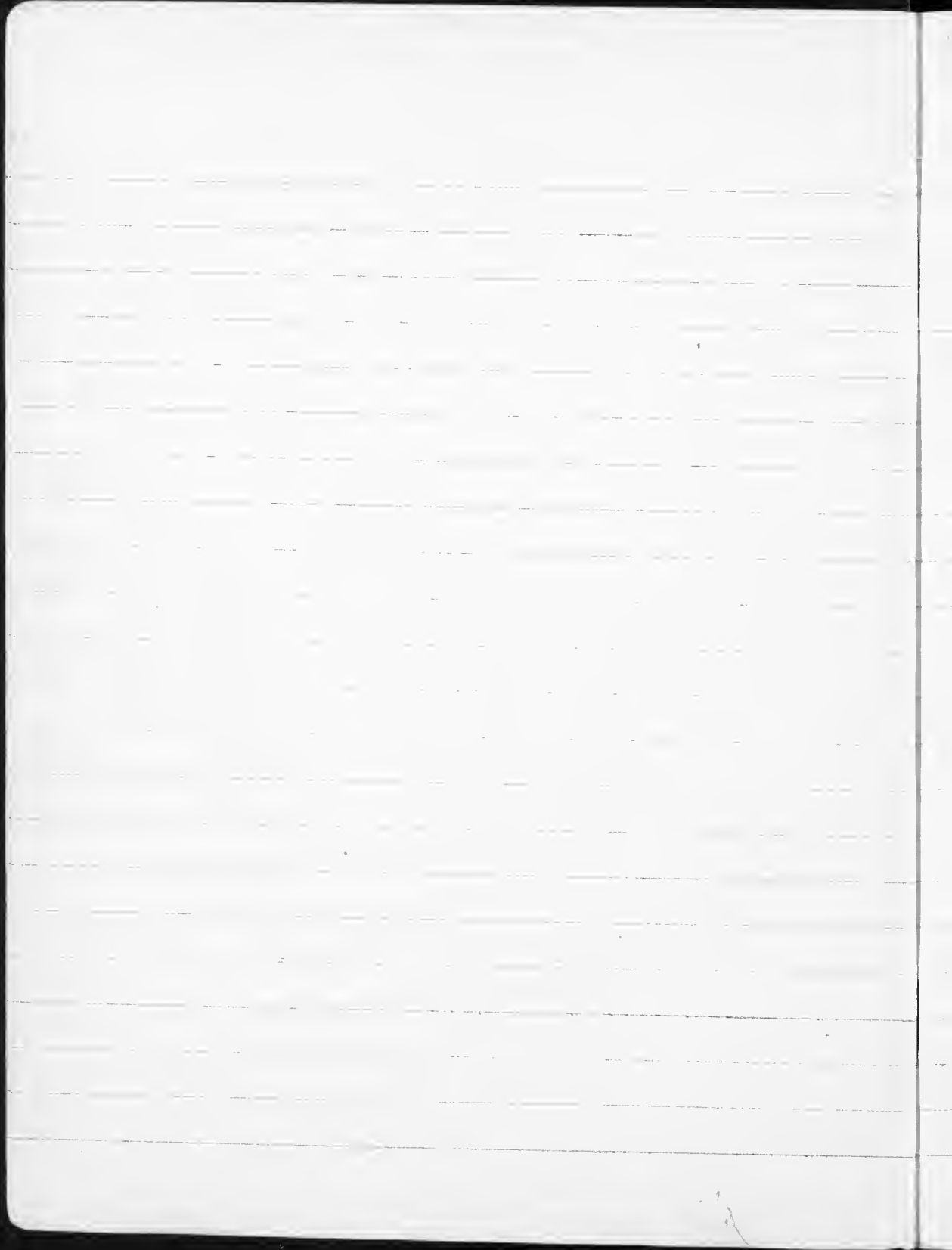
Pay 2000 of 10000

2000

Taxes, etc. 45

mail .32

✓ 3 notes @ 1000 .30



Dec 30 Wednesday

Trip Patalito - Timaná .40

✓ "Transportation - Hotel Huila y Cañon" 1.10
8:30 - 9:15

✓ Timaná - Patalito 1.33

Return from Timaná to see [unclear] 1.40

Hotel 11:20 - 12:30

First night in Patalito

Lucio Herrera

Talk with Don Alfonso Timaná

Don Alfonso Timaná

Don Alfonso Timaná and family

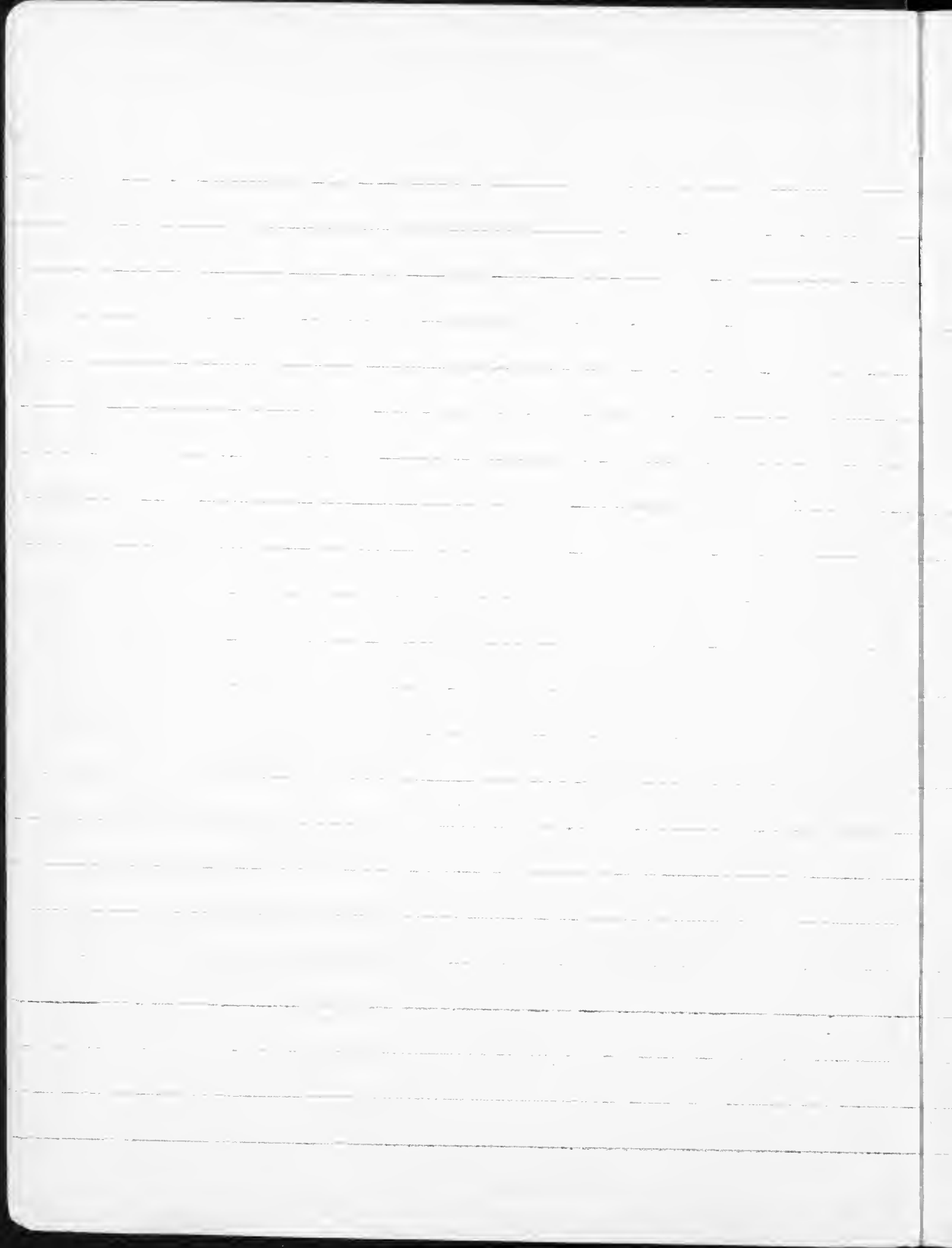
Talk with Don Alfonso Timaná

all night

✓ 15 gal. Gasoline 5.50

✓ Refueling 1.50

✓ Dinner 3.50 1.50



Dec. 31 Thursday

Paid visit to Jim Carter

2:00 - 4:00

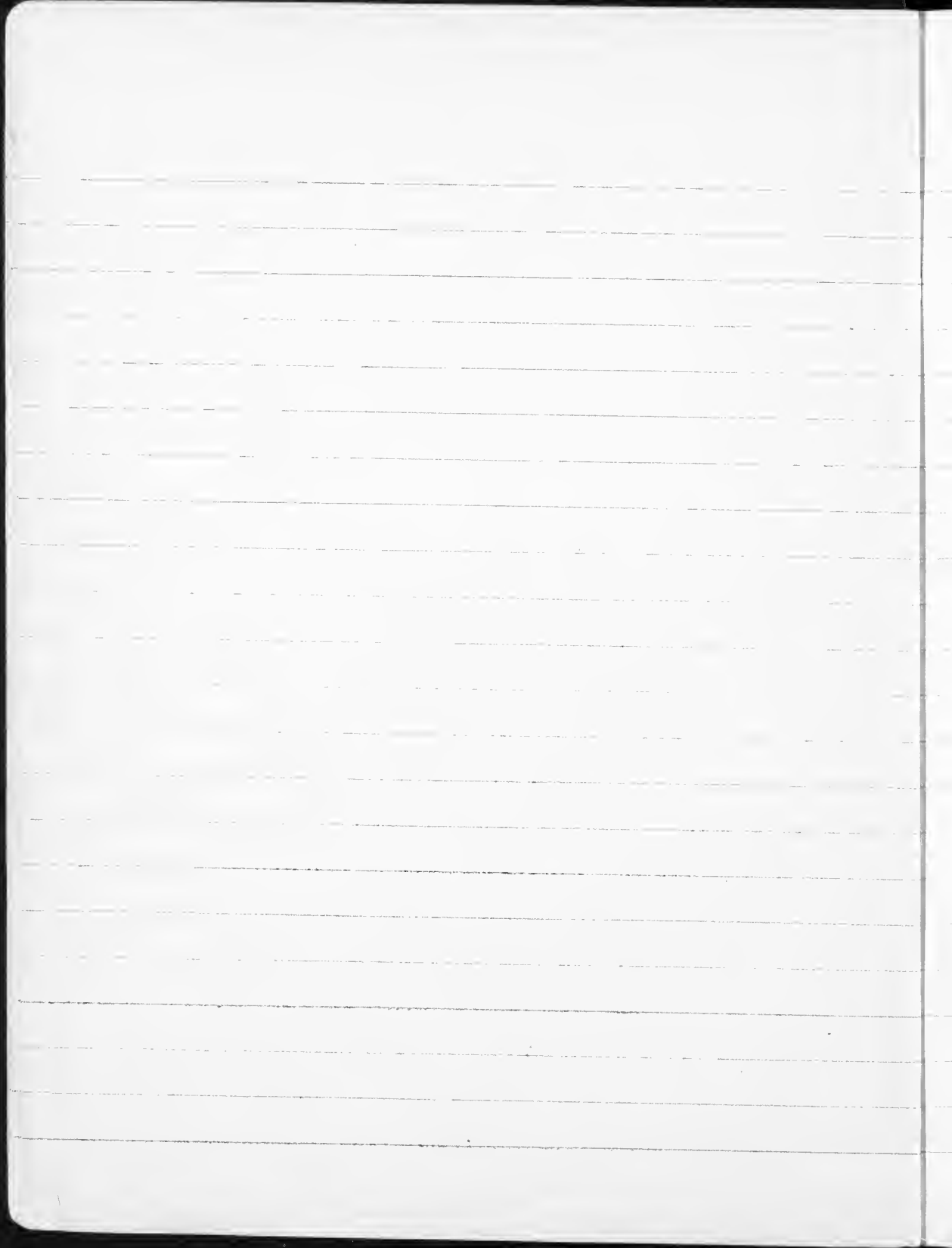
Trick with 500 from Sweden

Changing value and it says to all

front p

Hotel bill 7.

Tax & grat. 30



Jan 1, 1943

6:00 P.M. to 10:30

Stop at factory Agustin Astudillo
to see and arrange for pear tree

Talk with ~~the~~ Motta

Batter .25

Two ~~...~~

1.00

Knife

.60

1000 1000 1000

Jan 2, 1943 Sat. Patate - Cuello

2 letters 1.00 \$ 1.00

Postage .55

Box money .40

1 gal. gasoline .75

Tube .50

Post Office .91 { including official .82
sending films

Envelopes .10

Wire money .25

Wire money .50

Bought the ip

Talk with mayor

Talk with Jose Kubelsdorf

Talk with Juan Luis Vazquez

Talk with Angel & Jose Vazquez, Director

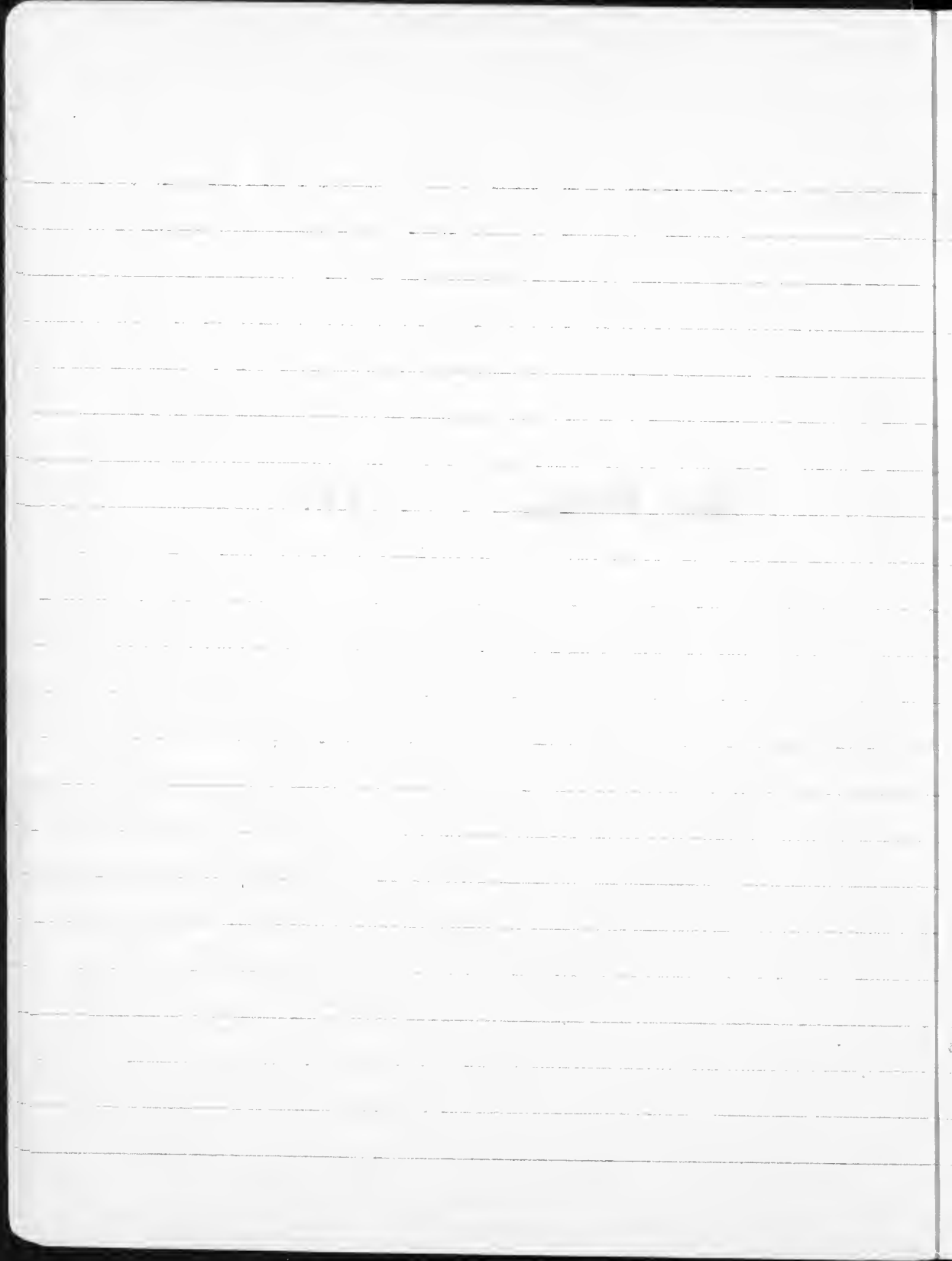
Director of Patate

[Patate to Cuello by bus 6:30 - 7:30
"Transporte Hurla y Coque"]

Beer for Kubelsdorf 1.00

Hotel Patate me Dec. 29 - Jan 2 @ \$ 10.00
2.00

Hotel Patate Vallaral " 10.00



Jan 3. Sunday
Cruillo - Finca Monte Cristo
11:30 - 5:00

Reported + packed pack, got the gear
off. Left by horseback from Cruillo
Finca of Don Ag to get down at 11⁰⁰
arriving at the Finca called Monte Cristo
on the Rio Guaymas south of Sumbilla estate to
Hacienda Monte Cristo of Don Agustin
Finca + then to the house on the finca
3 1/2 hrs. up the th. This finca is said
to be in the Concessions. ~~no~~.

Cruillo Finca Valley Area
had mud and road

First finca Angelina named "Orlando" named for
in a fertile place. Several houses.

Finca of Don Agustin + Hepburn + Ortiz
situated in Hacienda San Lorenzo

Finca Monte Cristo

Passes through two plains and foothills.
No rubber seen. Two species of Ficus -
large leafed + "Cacha-pajante". Saurauia
fulva + Heliconia most conspicuous plants.

Jan 3

Had to go to Colorado to
make a few things. On the way
I had a few things to do
at the airport. I had to
go to the airport.

Killed 75

Spent
\$100
\$100
\$100

Spent night at Tracy where Daniel
Sunday

Jan 4, Monday Finca Monte Cristo
6:30 — 5:30 total time spent

Today we followed the Rio Cedro ^{directly} ~~west~~
nearly to its source, then across a ridge
lying E-W which rises up to 1800m. at least
then went down & set up camp in the
Quebrada Queyabo which runs E-Wward.
On the ridge there is guinea grass but we had
to pass due to the hot sun and plain
there was no rice in the lowlands around the
upper reaches of the Rio Cedro and on the
other side of the ridge near the Quebrada
Queyabo there are a ~~small~~ ^{small} number of
cañales benas but they are remarkably
small, scarcely larger than
potatoes cañales. cañales of toby milk.
They say that farther down could they be
larger. This collected. Seems to be a
cañales? cañales probably not a cañales. 68 p.

At the headwaters of Rio Cedro is the
last Finca of Don Alfonso Guzman. The
lands to be investigated start at the head-
waters north of the ridge.

Saurauia pulchra exceedingly frequent
along along Rio Cedro Valley.

Jan 14

N. F. in 9 months 2000

1. 1st year in center

2. 2nd year

3. 3rd year

4. 4th year

5. 5th year

Jan 5 Tuesday Cuzco de Jirgata - V
6:30 - 5:30
2:20 to 4:00 AM left Cuzco at 6:00 AM
to climb up back to the Tilo to see you.
At 10:00 AM, a trip was made a trip
to the going eastward, mounting a
secor & cordillera to about 1500-1800 m. There
are numerous trees of *Quercus*, all
small, usually about 2" in diam, some
more than 5 1/2 m. There are a few of the
2000-~~2500~~ at the most, on average 1500.
several meters of flat ~~land~~ ~~area~~
scattered in the ~~area~~. There are
140-170 trees per square meter.
Samples were taken from the root and from the
trunk about 3 ft up. Photos were taken also.
(Senor Motta says that there is also "*Quercus*
maurifolia" and "*Quercus* *superba*". Kuschel says in
buying only "*Quercus*" at 10¢ a kilo.)
"Caucho blanco," acc. to peasant, was found only
worked here. There are very few trees here in the
file, perhaps some 5- or 6 per sq hectare. All
are small, except an occasional one up to 1
ft in diam. One was seen with three or four
flowers cutting or tripping.
Late in the afternoon we returned to the

May 10 A. G. ...
...
...
... Villard ...

To be used every Wednesday
 We get the songs 7:00 AM
 a good day for...
 please to write it...
 to have a...
 to...
 to...

The parents...
 of the...
 to...
 towards...

did write...
 value of...
 with...
 a...
 should...
 feel...
 Please...

About one hundred + fifty people
formerly worked rubber + guanine in the
district 65 yrs. ago. All the rubber +
guanine from the region north of Mooca
came out through Pitalito because the
house of purchase was in a centre
south of Pitalito called Guachaca, on
the Rio Guachaca. Sev. houses, a
market, rum-mill, etc. Now only
house, very old. Formerly roads very
poor. Horses + houses entered. Remnants
of telegraph line commenced 10 yrs. ago, never
finished to Mooca from Pitalito. Now a
rd in plans of Pitalito - Mooca.

Jan 17. Tuesday 2. H. ...
7:30 - 3:00

Left camp + took the path on the
F. ...
to the ... N-S
valley or feet. There ...
...
Resumed path ...
...
Camp in ...
Found a large tree with ...
80 ft. tall. Photo. ...
acc. to Fr. ...
Cut tree. ...
abundant. ...

Way ...

Quantities -

Señor Ortiz says that formerly most trees of Cancho blanco as well as Colorado were felled + ringed every $1\frac{1}{2}$ ft. or so. That one good sized tree of Cancho Colorado thus yielded 5-6 lbs of dry rubber. The rubber was allowed to coagulate on cuts + in 3 or 4 days strips were pulled off + rolled into balls, if rainy latex washed off + would not coagulate, so a dry season procedure, more or less.

to the ... at 4.30

h

h

h

h

h

(no)

I sent in the morning Sr. Ortiz, an old cauchero to the headwaters of the Rio Cauchos with Tolano & a peasant, with orders to make estimates as to the number of trees per hectare. This, he says, is caucha blanco & an area which he formerly worked. They are to join me tomorrow at the camp at the Villalobos.

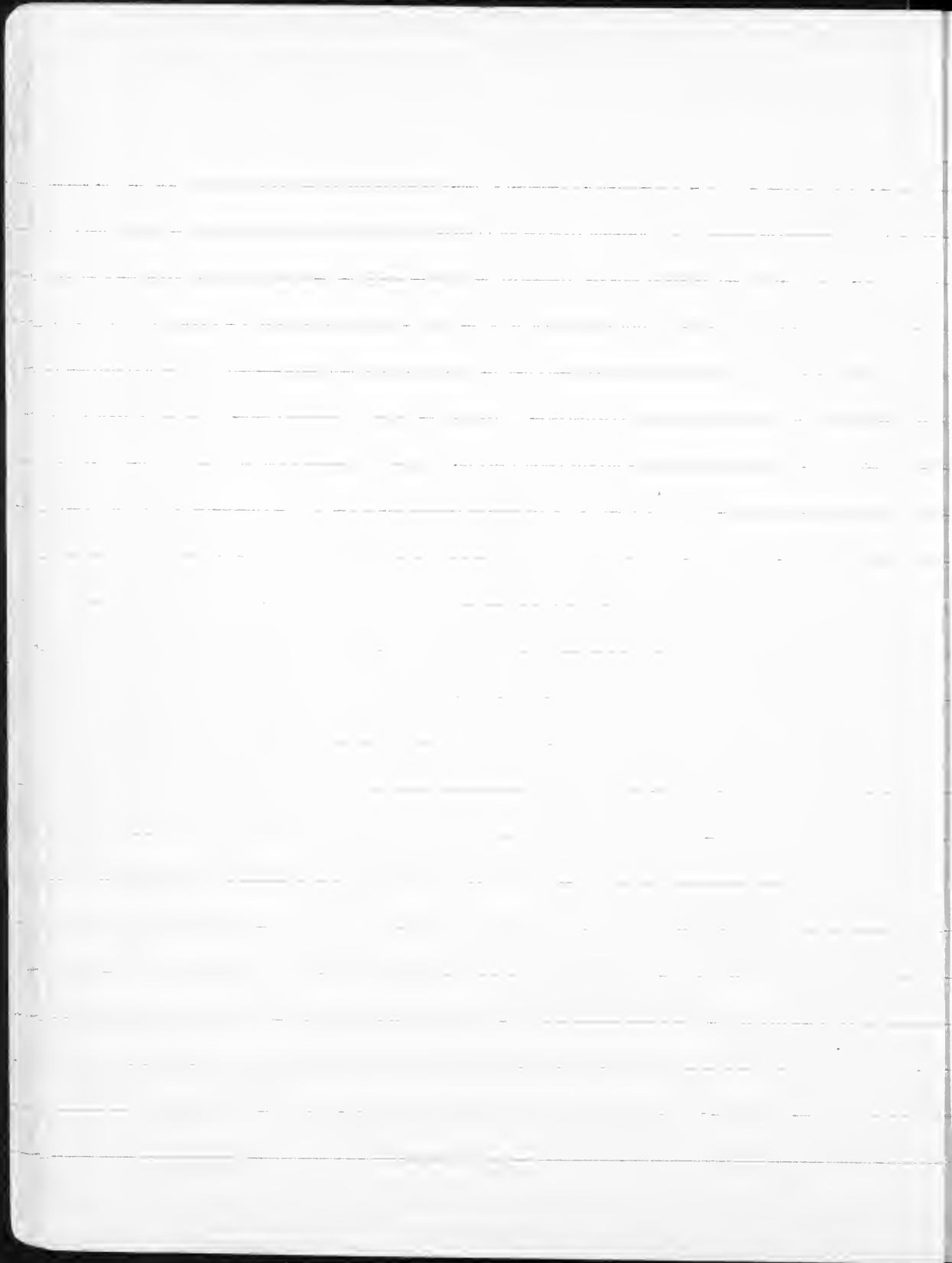
We left the Camp at Tumbadora and went nearly due S. arriving at a prearranged camp made by peasants just about on the banks of the Rio Cauchos.

Rain all night.

Camp on banks of

Jan. 9 Saturday Rio Carabon

Heavy rains all day. Remained in
Camp during night hours to give the
carriers a much needed rest & to avoid
death of both, etc. Rivers & hills rising.
Sent several scouts ahead to cut path to
Villalobos & build a large camp for a 3
day stay there. Determined after making
the path at about 12, not having made
the camp because of the heavy
rains. Ortiz, Solano & I did not
return, probably camping out awaiting
the cessation of rain & lowering of small
creeks now swollen. Impossible to tap
trees today to dry & coagulate the rubber
for samples. Ramon did not return from
Patalito nor Villalobos from other camp
at confluence of Villalobos & Guayabo,
probably because of rain, too.



Ca f + 3
 Rio Vate
 (9-3)

I have been thinking of you
 for the past few days. I hope
 you are well and happy. I
 would love to see you soon.
 Give my love to the family.
 I am well and hope these few
 lines find you all the same.

In the past few days I have
 been thinking of you very much.
 I hope you are all well and
 happy. I would love to see
 you soon. Give my love to
 the family. I am well and
 hope these few lines find you
 all the same. I have been
 thinking of you very much.
 I hope you are all well and
 happy. I would love to see
 you soon. Give my love to
 the family. I am well and
 hope these few lines find you
 all the same.

John

So, that the ... the ...
... (...) ...
... of ... ago
... the ... the ...
... they ...
... for the ... of ...
... the ... to ...

Ben

Dear Mother

I received your letter of the 10th and was glad to hear from you. I am well and hope these few lines will find you the same.

I have not much news to write at present. Everything is quiet here. I am still working on my school work.

I hope to see you soon. I would like to hear from you often. Write when you have a chance.

I love you very much and hope you love me the same.

Your affectionate son,
John Doe

July 1900

July 1900

Jan 11 - 1911
[Faint handwritten notes]

[Faint handwritten notes]

[Faint handwritten notes]

[Faint handwritten notes]

[Faint handwritten notes]

[Faint handwritten notes]

[Faint handwritten notes]

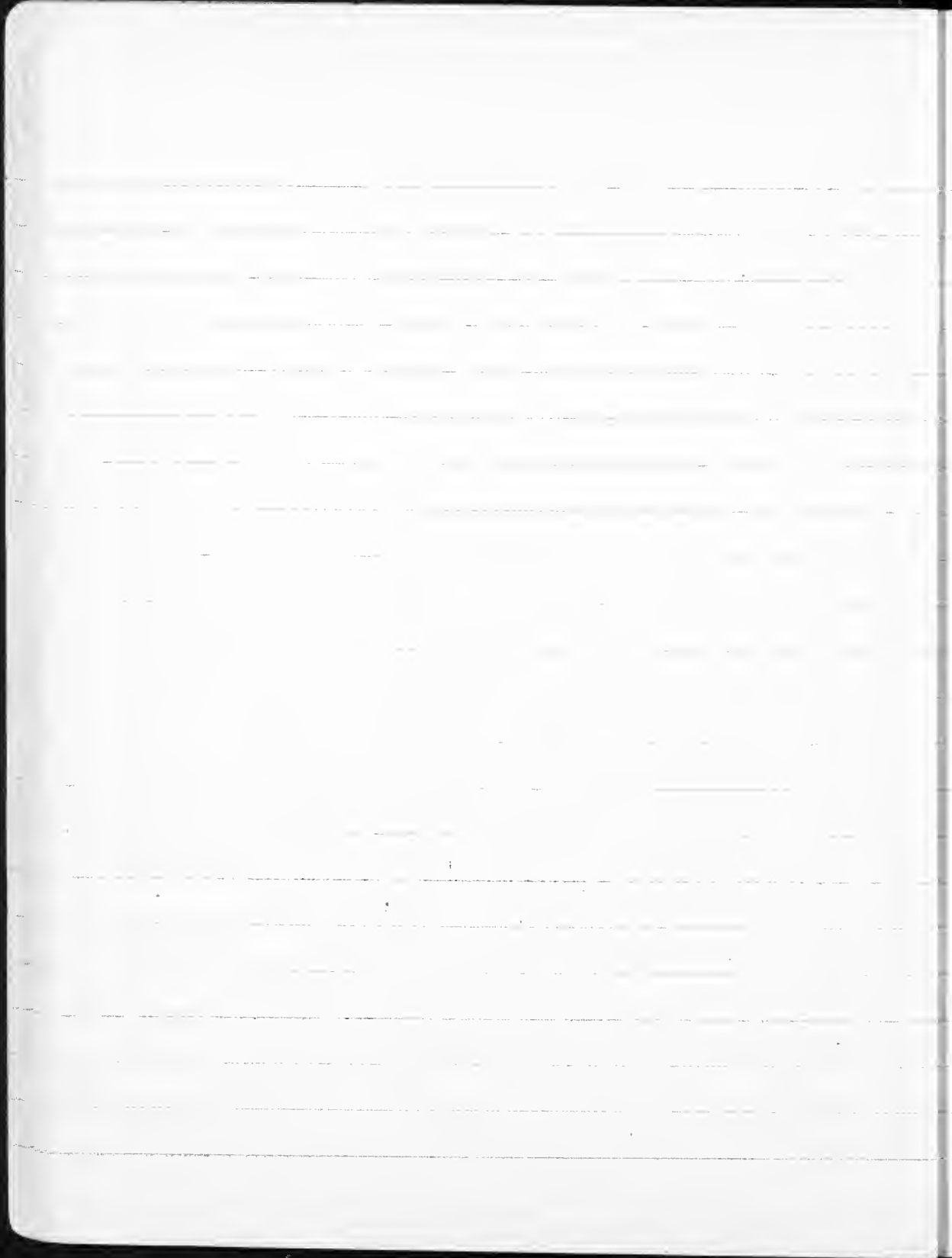
[Faint handwritten notes]

84 no of [unclear] + [unclear]
[unclear] [unclear]
[unclear] [unclear]

Hebert - some 10/11

Rain.

The first part of the day was very
pleasant. The temperature was
just what we needed. The
rain was just what we needed.
The second part of the day was
very pleasant. The temperature
was just what we needed. The
rain was just what we needed.
The third part of the day was
very pleasant. The temperature
was just what we needed. The
rain was just what we needed.
The fourth part of the day was
very pleasant. The temperature
was just what we needed. The
rain was just what we needed.
The fifth part of the day was
very pleasant. The temperature
was just what we needed. The
rain was just what we needed.

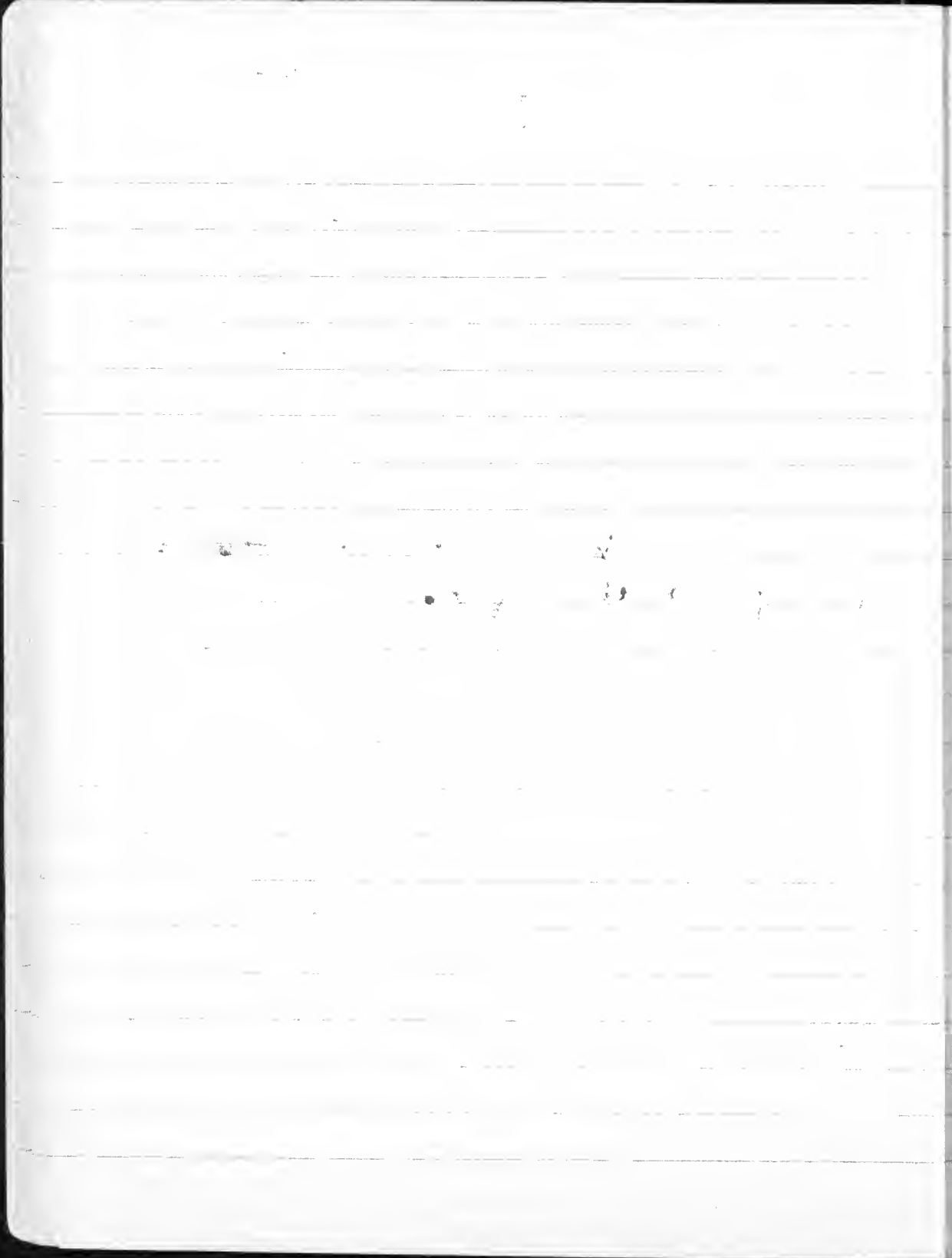


Jan. 14 Thursday

~~Camp below the Villalobos~~
& Suaza to the
Camp on Suaza to headwaters
of Suaza to Camp on Confluence
of Guayabo & Villalobos.

7:15 - 5:30

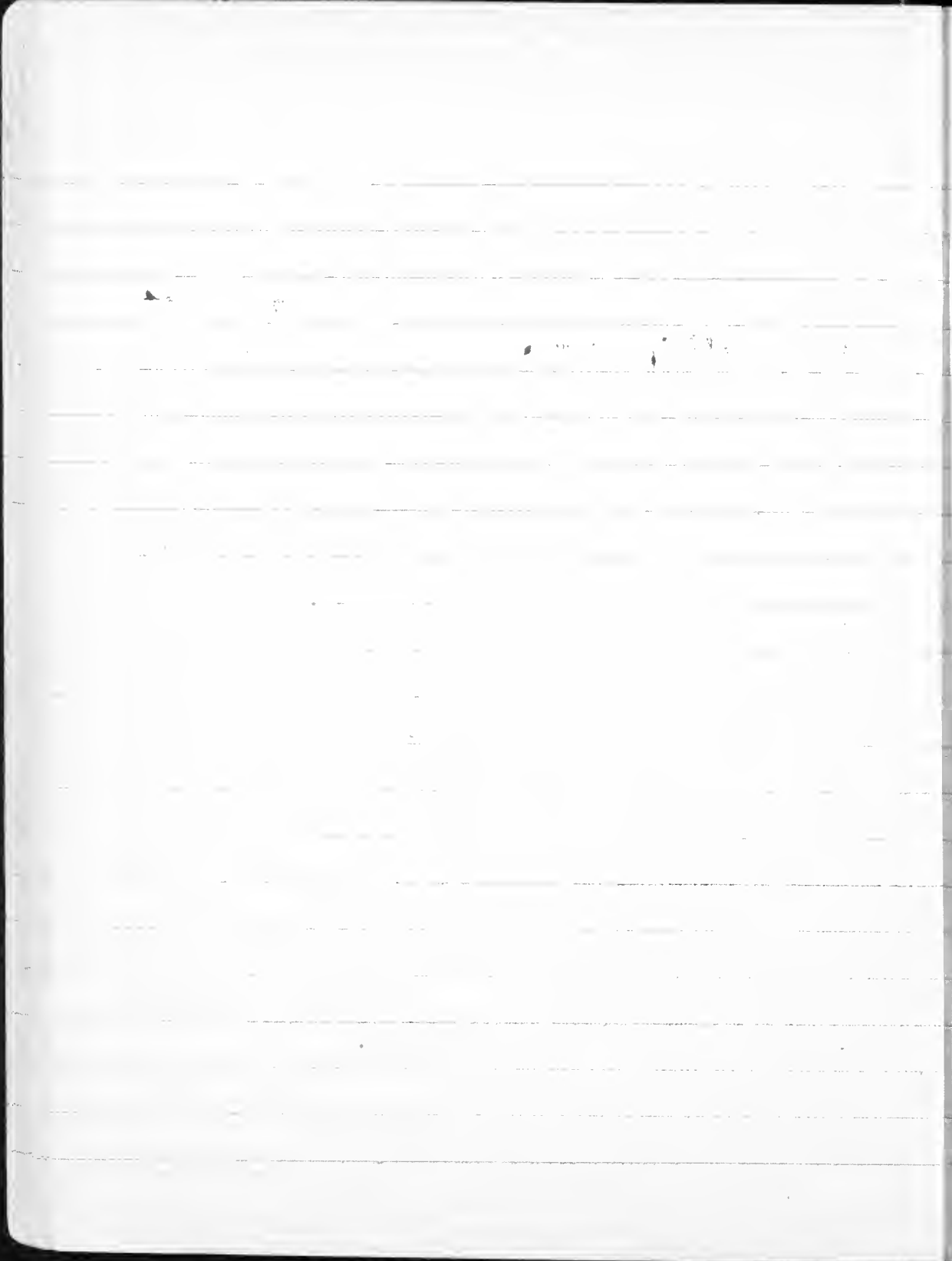
Early I left camp with several peons to go to the headwaters of the Rio Suaza where Sr. Motta says there is considerable caucha blanca. About $1\frac{1}{2}$ hrs up we encountered the first trees. There is also a very similar tree of the same genus which gives latex but which does not coagulate. I should say that there are perhaps ~~10~~⁸⁻¹⁰ trees per hectare here. All the peons say there are many more up above. One good sized tree ($1\frac{1}{2}$ ft diam.) was felled and slashed for its entire length, covered carefully with leaves of *Carludovica* & left to coagulate for samples. I shall return or send a peasant in a wk. to collect it. Returned to camp on Suaza & set out for camp on Villalobos & Guayabo. Spent night. Rained all night.



Jan 15 Friday Camp Confluencia Guayaquil -
Villabona - Pitalito
of Cuello 5:30 - 8:30

1 horse Brusueles - Cuello .50
2 mules for cargo Vicente Artunduaga 1.00

Left camp and returned to Pitalito by way
of Cuello. Good weather, but excessive rain
had left much mud. Two peasants wounded.
Had to leave part of cargo behind to send for
tomorrow. Six trees of cancho blanco seen
passing alto del Guayabo.



Jan 16 Saturday Pitahita

Spent the day trying to arrange trip to
Florenca, arranging baggage, writing letters
and wires to the office, etc. Leg wounds very
sore + getting worse.

Telegram to Fosberg	.61
Telegram to Mayer	.67
Telegram to Constance	.51
Telegram to Jaramillo (Villarid)	.56
Letter to Dugand	.20
Letter to Mayer	.10
Letter to Constance	.10
Stationery + envelopes	.15
Beer, coffee, etc. cigarettes	2.50
Stockings (1 pr.)	.30
Washing	.10
Horse Buselas - Cuello	.50

100

2

100

100

100

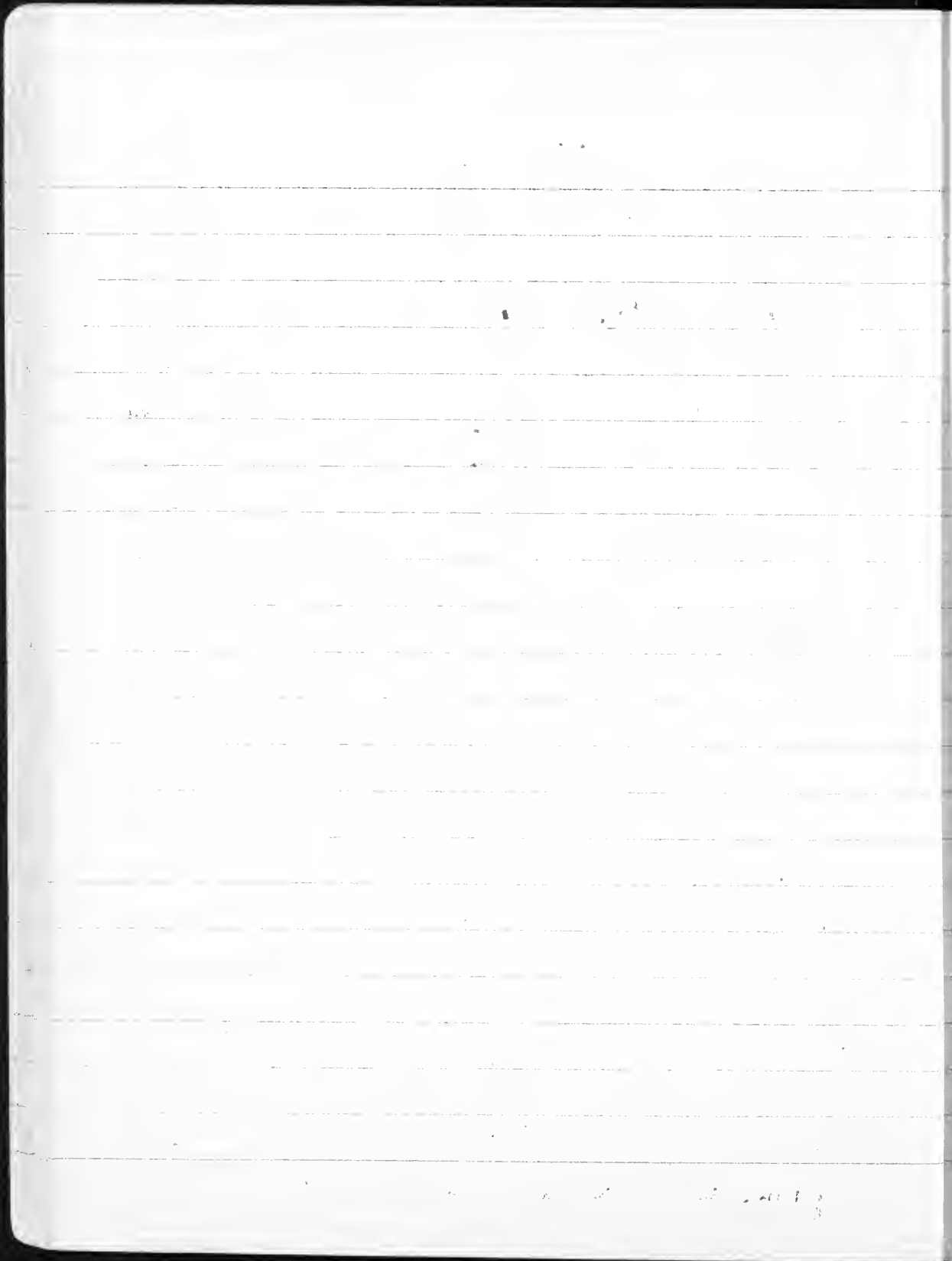
1

[Faint, illegible handwriting on lined paper]

Jan 17 Sunday Pitalito

Telegram to Salat	.19
Telegram to Dugand (personal)	} .57
Telegram to Rubber Co (personal)	
Shoes (Villareal)	7.00
Envelopes (Villareal)	.10
Coffee, etc.	.20
Shoe laces	.20
Horse and messenger to Palestina (Villareal .50)	4.00

Spent the most of the day, bathing & nursing foot & leg wounds. Sent messenger to Palestina (to leave early Monday morning) to try to get Romulo Cuellar, concealor of the Fregua district and accomp. of Uribe Uribe, to come to Pitalito to talk with me. I hope some way without too much expense of time & money, to enter Fregua area where Luis Vasquez says there is cancho negro & balatas. Still awaiting petacas left in mountains by overloaded peasants.



Jan 18 Monday Pitalito

Mail	.48	
Cigarettes	.50	
Shave	.20	
Ribon film	1.82	(official)
Coffee, etc.	.30	

Talk with Angel Maria Molina on road to Mosca
Talk with F. Wrenzo Cuellar on Fragua concession.
Rested leg most of day.

In the evening Donulo Cuellar came in & I talked all evening with him. Too old & ill to accompany me; but gave me all the data possible. He says that in no place is "caucho colorado" present in large quantities. Also says that the "caucho blanco" is localized in the headwaters of only a few quebradas and that in its most rich spots the number of trees would never pass 8 per hectare. He says that there are a number of trees up to 2 1/2 ft in diam, but that most are 1 ft. or smaller. His custom in the old days of caucho exploitation was to fell the tree, for "tapping yields nothing to speak of". Felled, the tree was carefully cut, horizontal strips 1" wide of bark were removed to let the latex flow. Care had to be taken not to injure the wood. One tree of 1 m. in diam he felled gave 1 1/2 arroba (38 lb.)

but this exceptional he says. Usually an ~~one~~ ordinary tree would give 5-8 lbs. The cuts were made "1 hand" apart & later after coll. rubber which coagulated after 8 days, new cuts were made in between, ^(most on "quebrada" 3 days) The stump & roots are especially rich & are scaped, ~~after washing~~, Rubber pulled off in strips. After washing & kneading, prepared in balls, it is white & very elastic. The practice was to fell & cut the tree in the afternoon, says more rubber came out.

The only places where Ramulo knew existence of "caucho blanco" were headwaters of Quebrada Suezta, Arroyanes, Cajon. Other places there is little or none. The headwaters of many quebradas do not have much cauchos, perhaps 1 palo per hectare. The Villalobos Rio is very poor in "caucho blanco", one finds ~~not~~ almost none along the stream, & the few it has are only in its upper reaches. "Caucho colorado" found, only in region known as "Cebás" near confluence of Villalobos & Verdejaco, acc. to Ramulo. They are trees 1 1/2 ft. in diam. [Is this pink talata?] Quinine there is plenty in Palestina - Quebradona region, trees 1 1/2 ft. in diam. Region of Fraquea very difficult to enter from Villalobos. Easier go in from Florencia & Cagueta. No hope for great exploitation of "caucho blanco", much cut away, very distant, & have to fell trees.

Hotel ... 7.40 ... 1.00
... 12.10 ... 1.00

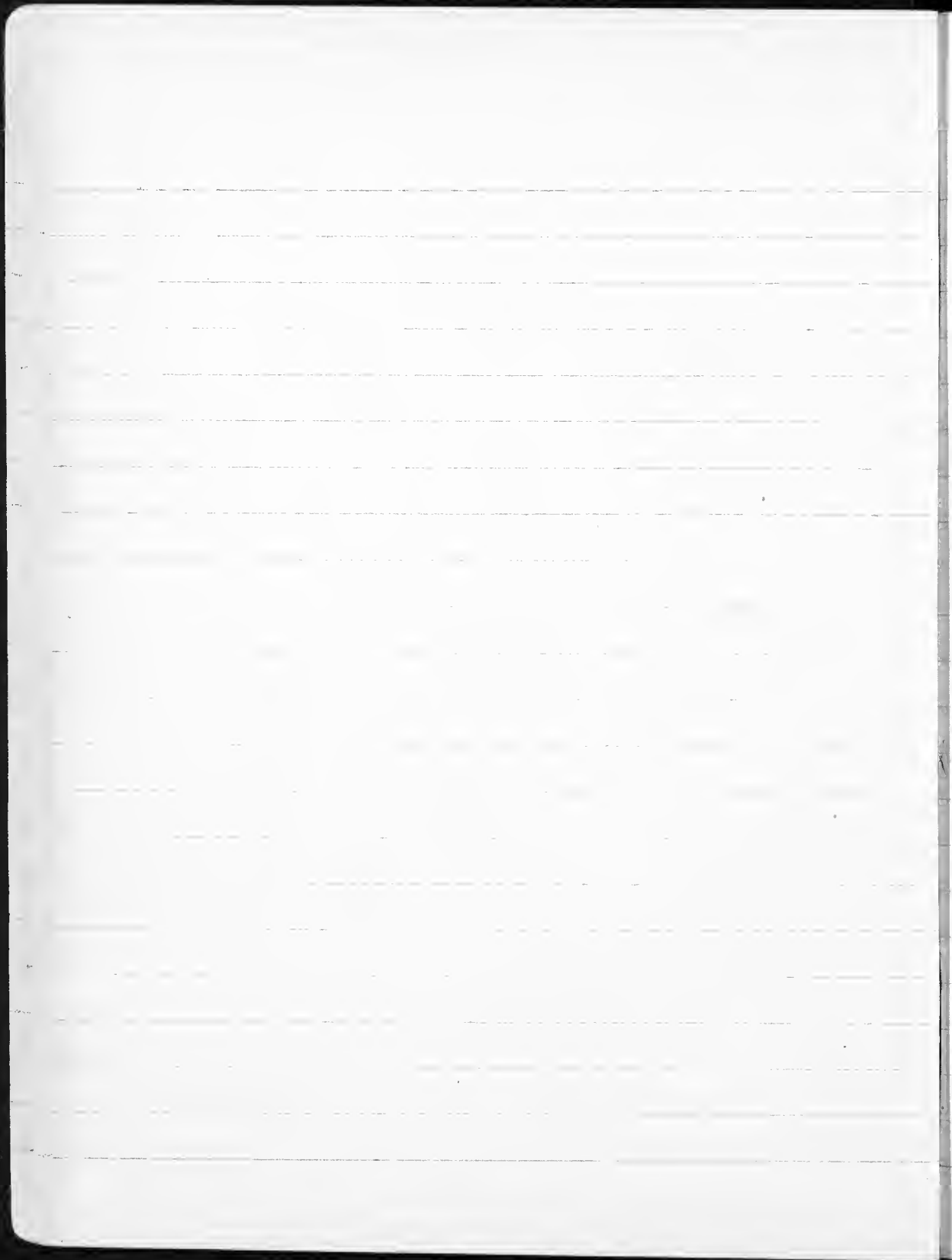
Hotel ... 16-18 ... 4.50

Hotel ... 1.10

Hotel ... 1.30

Hotel ... 1.60

...



7-21 Wed. today

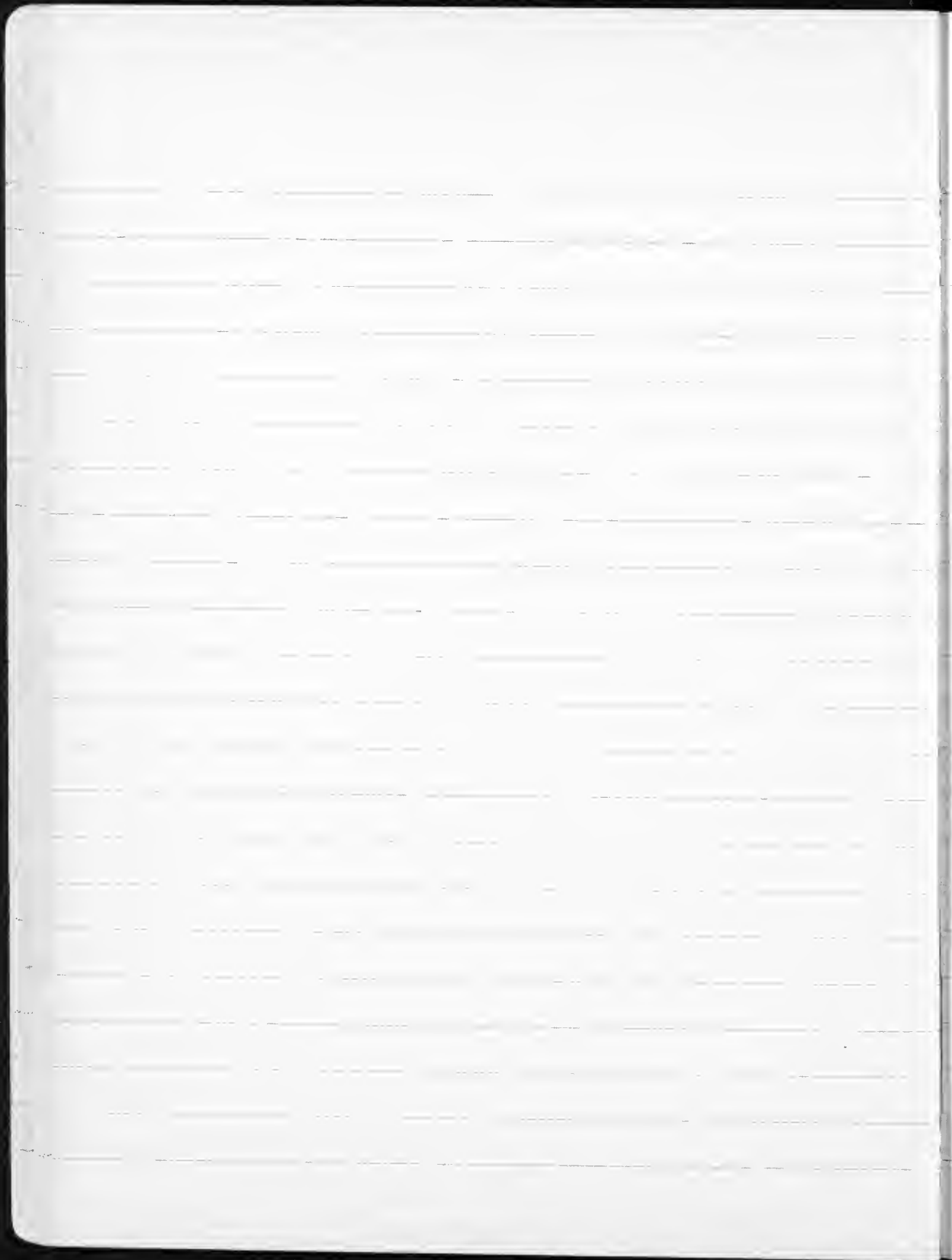
Line 2000	.10
T. 10. 100, 100, 100	1.20
Paper 100	1.00
Books	1.25
...	.30

Village 3 Quarter

Transit to ...	1.00
Hotel	5.50
Meals	1.00
Paper 100	2.00
...	2.50
T. 10. 100, 100, 100	1.78
Books	.70
...	1.00
	<hr/>
	\$ 11.46
Cigarettes 100	.40

4. [

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Jan 21 Thursday

Exp. 100

Shoe + disk	1.00
the book	.50
...	.10
<u>100</u>	50
...	

1. The first part of the document discusses the importance of maintaining accurate records.

2. It is essential to ensure that all data is entered correctly and consistently.

3. Regular audits should be conducted to verify the integrity of the information.

4. Proper storage and backup procedures are critical for data security.

5. The second section covers the various methods used for data collection.

6. These methods include direct observation, interviews, and self-reporting.

7. Each method has its own strengths and limitations, which must be considered.

8. The choice of method depends on the nature of the research and the resources available.

9. The third part of the document addresses the challenges of data analysis.

10. Large volumes of data can be difficult to manage and interpret.

11. Advanced statistical techniques are often required to extract meaningful insights.

12. It is important to be transparent about the limitations of the analysis.

13. The final section discusses the ethical considerations of data research.

14. Researchers must ensure that their work complies with all relevant regulations.

15. Protecting the privacy and confidentiality of participants is a top priority.

16. Obtaining informed consent from all participants is a fundamental requirement.

17. The document concludes by emphasizing the need for ongoing education and training.

18. Staying up-to-date on the latest research and best practices is essential.

19. Collaboration and sharing of knowledge are key to advancing the field.

20. We hope this document provides a comprehensive overview of the topic.

Exp. 22

Friday 7/19/21 - 7:15

5:30 - 2:15

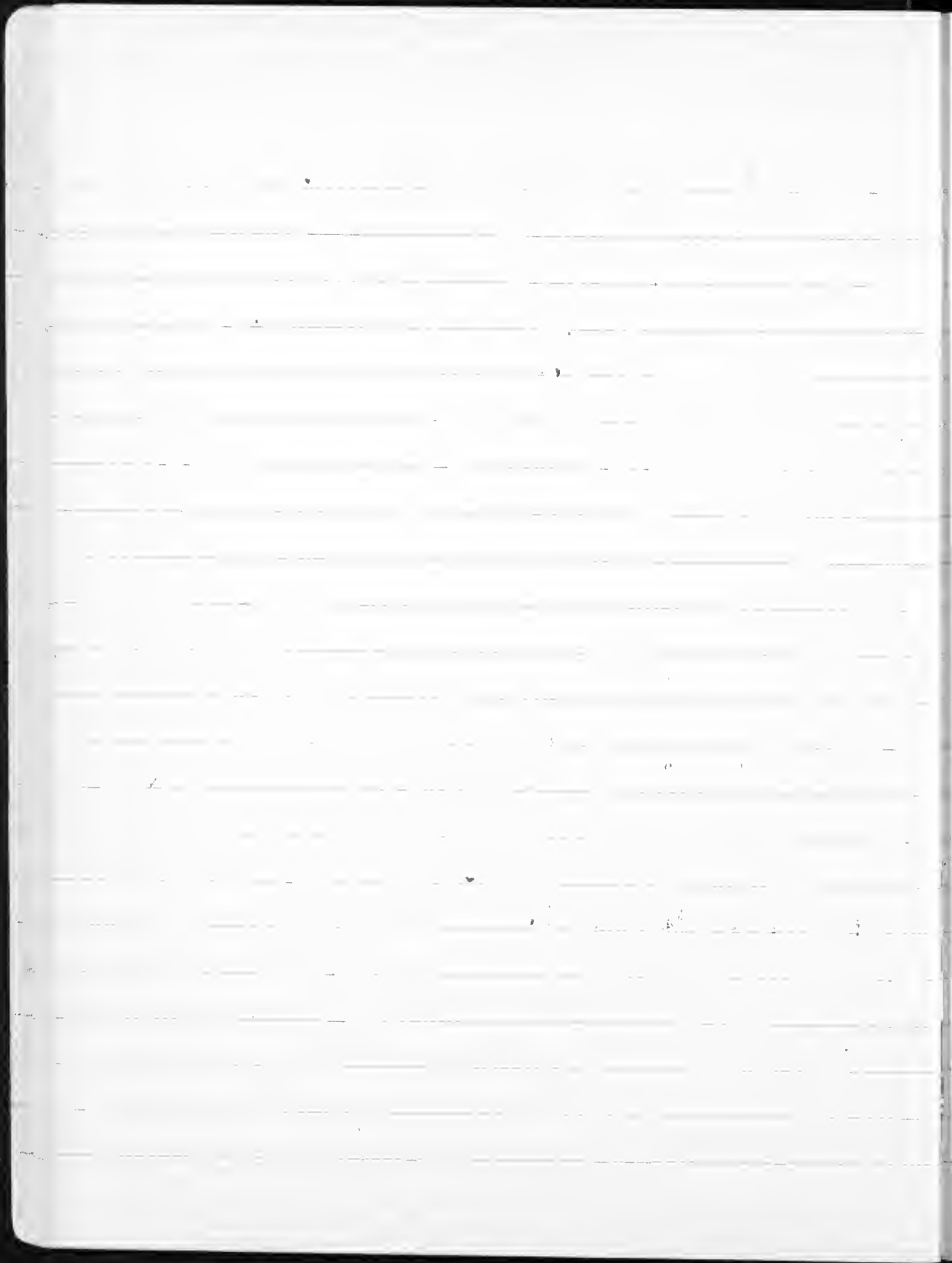
Ticket "Transportes Huila - Capetá" 2.20.

11-12 + 19-21 6.50

8.00

6.00

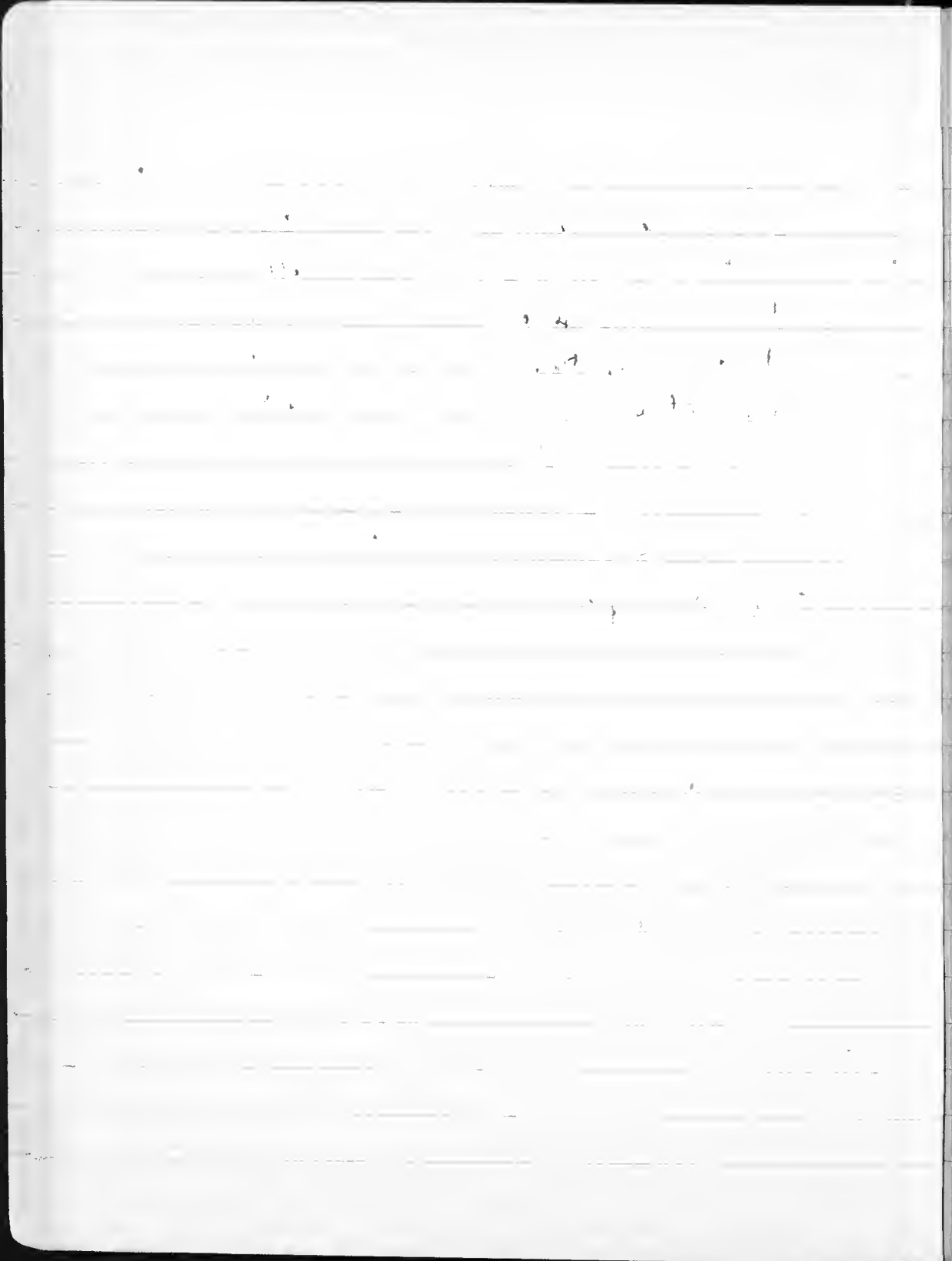
1.20



Expenses La Paz Petalito

Telegram to Fosberg, Newia	.79
Petacas \$25.00 (including packing)	
Shave	.20
Tinto, smokes, etc	1.10
Mail	.06
Hotel Valdesol Jan 16, 17, 18, 19, 20, 21, 22, 23	14.00
Hotel " " 24, 25, 26, 27, 28, 29, 30	2.00
La Paz " " " " " " " " " " " "	1.00
Petacas & packing, etc.	1.00
A Artunduaga traída petacas	1.50
" " food for trip	56.87
" " 3 peones	30.00
" " 9 peones	117.00

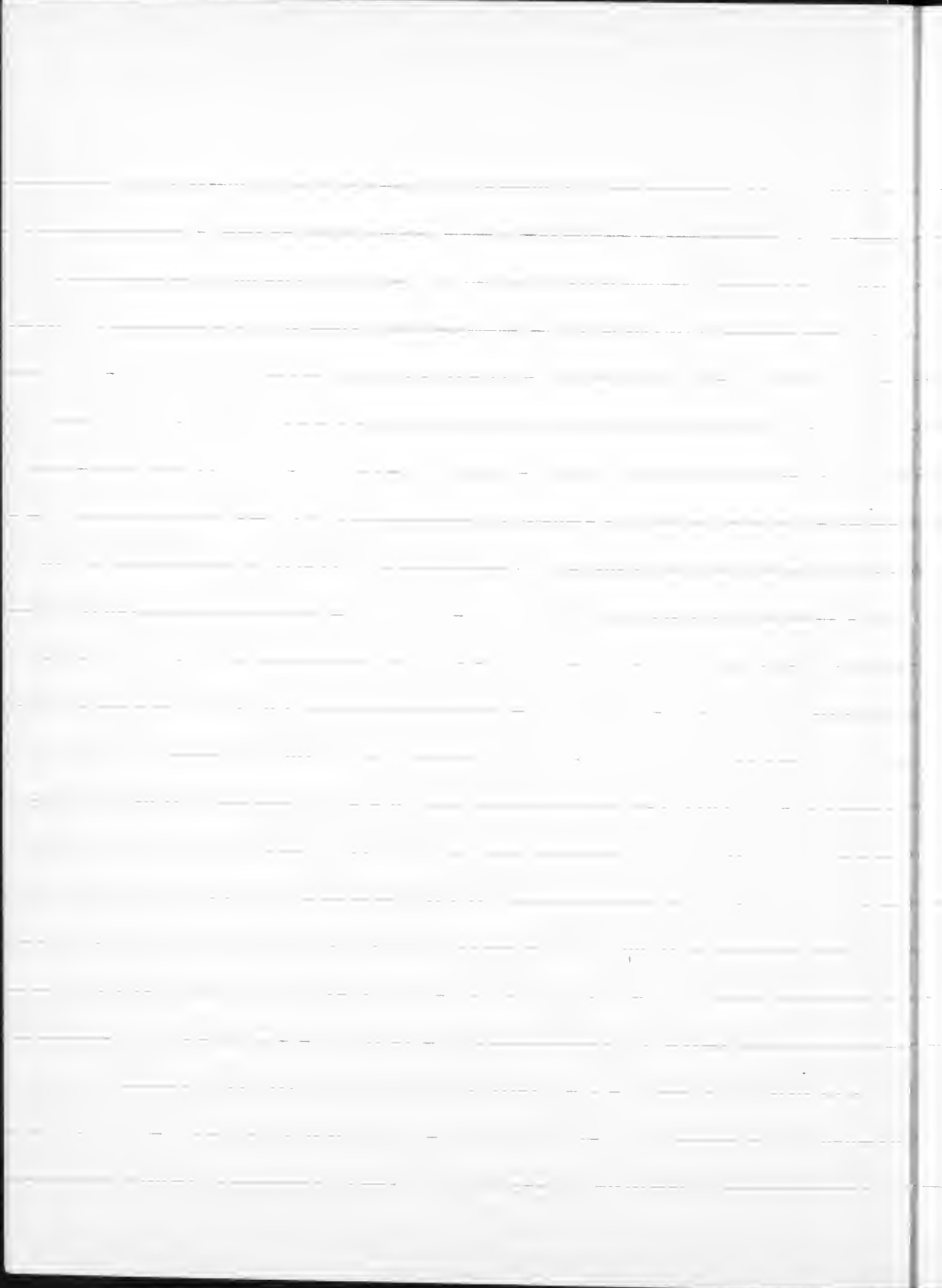
Settled accounts with Solano & Artunduaga and paid peasants + debts.



Jan 24, Sunday Pitalito,

Cough medicine	.45
Letters	.11
Telegram to Jaramillo	
Tinto, beer, etc.	1.00
Cigarettes	.45

Packing things to return to Bogota. Still awaiting news of Ramon.



Jan 25. Monday Pitalito.

Equip (Rubber Nelson) 12.44

Mail to Mayer Ribon .10

Samples quinine Mayer 1.32

Cough drops .40

to Mayer () 3.55

to Mayer () 8.35

Overhead for mail to Mayer
to Mayer () + 4.00

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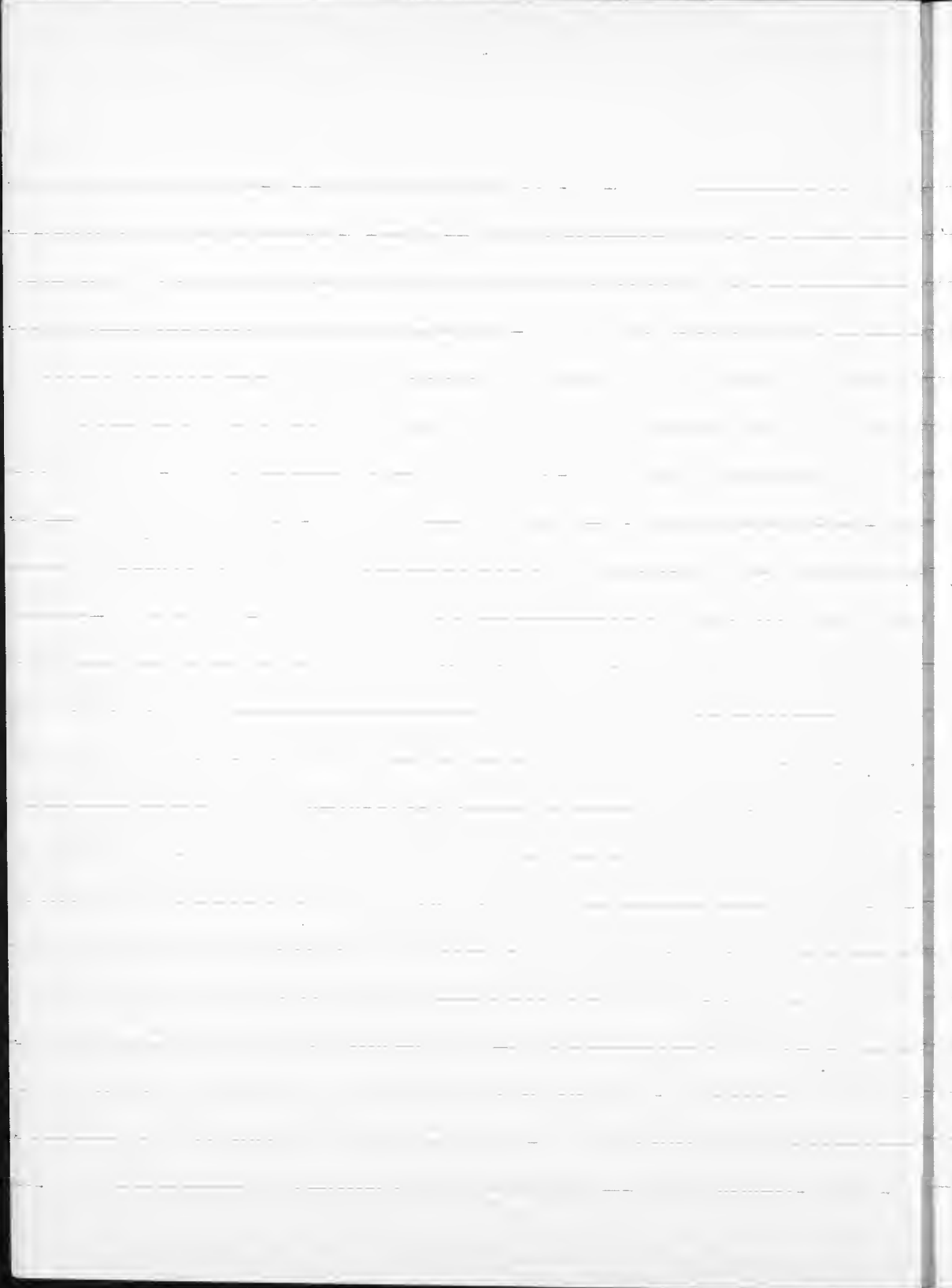
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30

[Faint handwritten text]

5:30 - 7:30



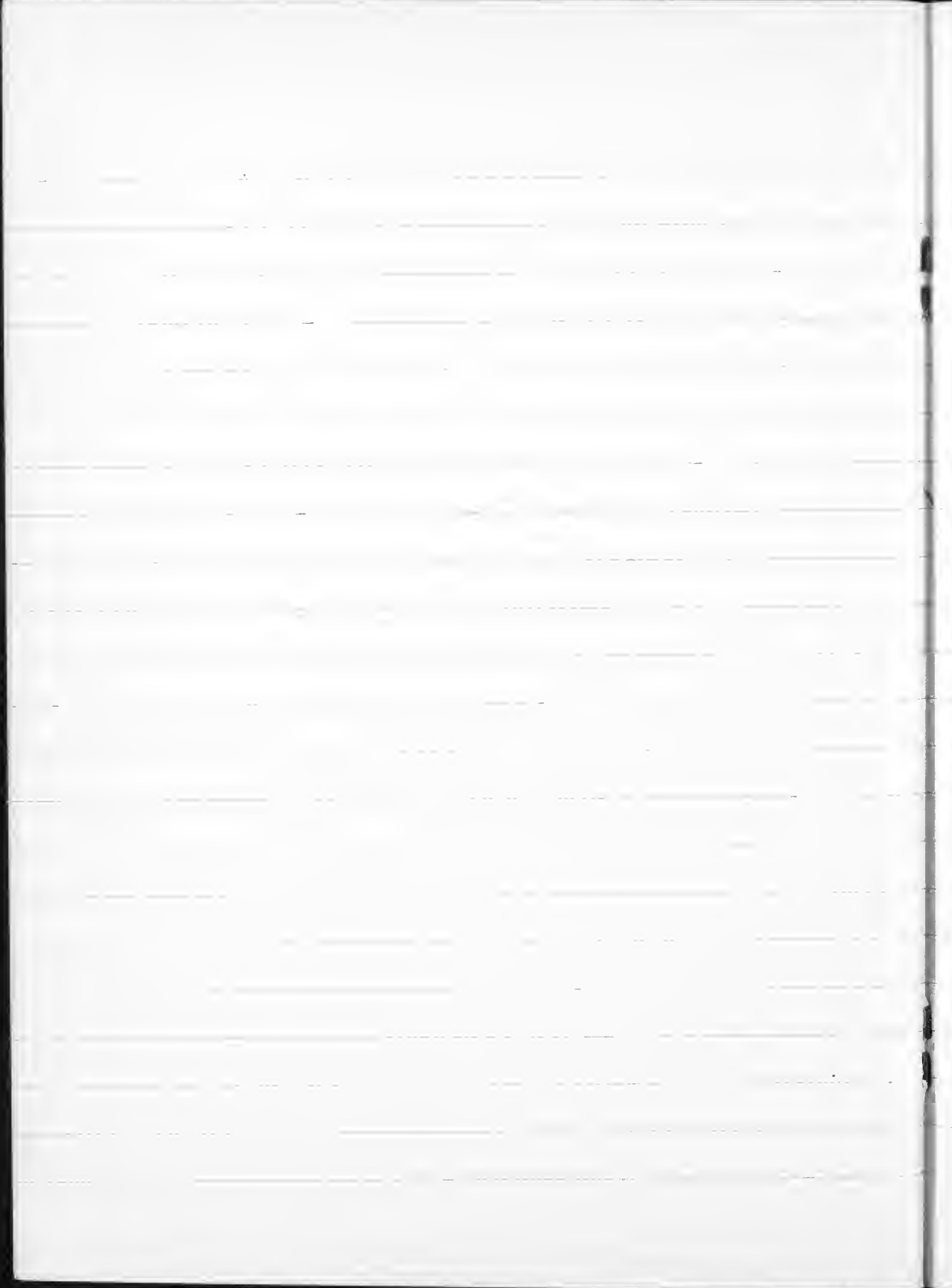


Jan. 27 Newi Bogota

Jan 30

Logg... 4... from...
Bogota... 73.35
per Vall...

1.1.05



- 570 ³⁰ *Quercus* ...
 571 *...* ...
 572 *...* ...
 573 *...* ...
 574 *...* Fl. red. Tree ...
 575 *...* ...
 576 *...* ...
 577 *...* ...
 578 *...* ...
 579 *...* ...
 580 *...* ...
 581 *...* ...
 582 *...* ...
 583 *...* ...
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- 5109 Coffea arabica
- 5110 Eupatorium, Fl. violet, 2
- 5111 Shrub, small tree, Fl. purple - pink, Spring
- 5112 Shrub, flowers blue
- 113 Herb, Fl. blue-purple
- 5114 Herb, fl. yellow, fruit
- 5115 Phoradendron, Fl. purple-white, Venice
- 716 Sporocarpium, Venice, Fl. purple
- 717 Mimosa, Shrub, Fl. white-pink
- 5118 Lantana, Fl. violet
- 119 Euphorbia, Fl. purple, Woody herb
- 120 Compositae, white fl. shrub, low bush
- 121 Herb, Fl. purple
- 122 Verbenaceae? Fl. white, Tall herb
- 123 Tournefortia, Fl. blue
- 124 Euphorbia, fl. blue-purple, tree

5128 C. tolimensis Custr. det Custr.

5132A Rio Vallejoco, Quebrada Guayabo
alt. 1400-1450 - u. Jan

Petaluma, Cal. 12. 120000 (C. 1. 9. 1. 1. 1. 1.)

5128 *...*

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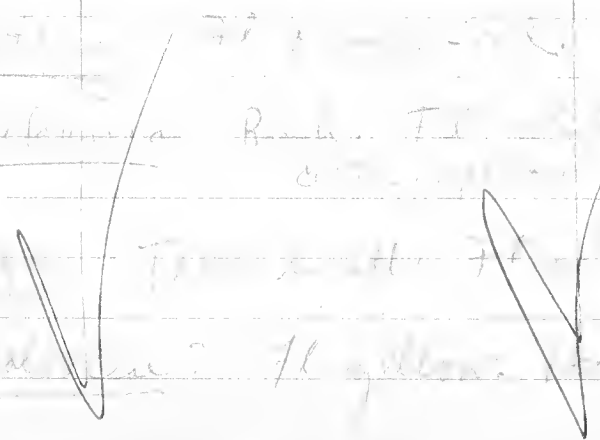
5146 *...*

5147 *...*

Fruits

popayanensis Standl.

Cañcho
paparito



5144A *Pis Villedobra* *Cryptostegia*
Quebrada Guaylo *grandiflora*
alt 1400-1450 m.
3-13, Jan

- 138 Rubra fl white.
- 139 Rubra Pet. white.
- 140 Rubra fl white.
- 41 Rubra fl white.
- 142 Rubra fl white.
- 143 Rubra fl white.

Area of the Villalobos Jan 3-13, 1943

5144 "Cauchillo blanco" Saprim 2 Photos.
 Cobencas del Rio Suazita Forest. Tree 60 ft
 tall. Bark smooth, reddish. Sticky white latex.
 Girth diam. 1 1/2 ft.

5145 "Cauchillo blanco" Saprim Photo A
 thin yellow latex which does not coagulate. Gray-
 red bark, smooth. Tree 50 ft. 1 1/2 ft. girth.

5146 Vine. fl rose purple. 1500-2000m

loc. det. correct
 exactly as label

Valley of Rio Cidros, plants of *Las Cobas* southwest
of Petalato. Alt 1300 m.

- 5147 Ericac. epiph. Fl. red or white.
- 5148 Sm. tree. Fl. purple. Palicourea.
- 5149 " " " yellow. Palicourea.
- 5150 Comp. shrub. Fl. white.
- 5151 Large herb. Fl. yellow.
- 5152 Saurauia pulchra? Sm. tree. Fl. white, very fragrant. Rio Villaloba confluence, Cuzco, Peru.
- 5153 Large bush. Paper. Fragrant.
- 5154 Begonia
- 5155 Small bush. 1 m.
- 5156 Fuchsia? Bush.
- 5157 Sm. Bush.
- 5158 Epipendium Fl. salmon. Ep.
- 5159 Clusia Large tree, "Estoraque"

11/17

5160 Long vine. Forest shade, "Orsita
perso" Very spiny. Between Rio Caucho
+ Cuabrala Hedionda along Rio Villa-
lobra Huatemaco. Fl. purple light.
Fruit egg shaped firm 3" diam.

5161 Ep. Tubaudia Fl. white Rio
Villalobos Confl. Rio Caucho

5162 Peperomia sp.

5163 Legume. Small.

5164 Equisetum Confl. Guayabo - Villalobos
"cola de caballo"

5165 Viola. Confl. Guayabo - Villalobos.
Fl. pale violet.

5166 On river bank. Same loc. Fr. red.

5167 Fl. yellow. Shr. bush. along river

5168 Bush. Ineolast. 1 1/2 m. Fl. white.

S. narcissifragrans TYPUS
5169 *Saurauia* Ped. red. Along Villalobos
Fl. white. Fr. Above Saqzita
Arbusto, 2 - 2 1/2 m. 1 m. high.
~~*Saurauia Villavallii*~~

5172 C. telealbida Cunitr. det Cunitr.

5170 Sm bush, 1m. Fl. yellow.

5171 Symp. Fl. red. Herb. 1m.

5172 Cecropia, ~~the tree~~ 80 ft tall. Fr. red
extract of fruits antifebr. also ~~antifebr.~~

5173 Bush Fl. red. Fr. ~~cherry~~

5174 "Balda" Tall tree 2 ft girth.
Sept. red. Fr. ~~orange~~

5175 Bush Same loc. Comp.

5176 "Cabegeras" Southeast of Pitalito.
Fl. ~~white~~ green, white. Tree with ~~lenticular~~
green foliage, shrub, stem (1 1/2 ft diam)
bark) smooth brown bark. White
latex but sparse. "Canchillo". Not
common. Tree gets to be large tree
more than 40 ft. tall. ~~fruiting~~

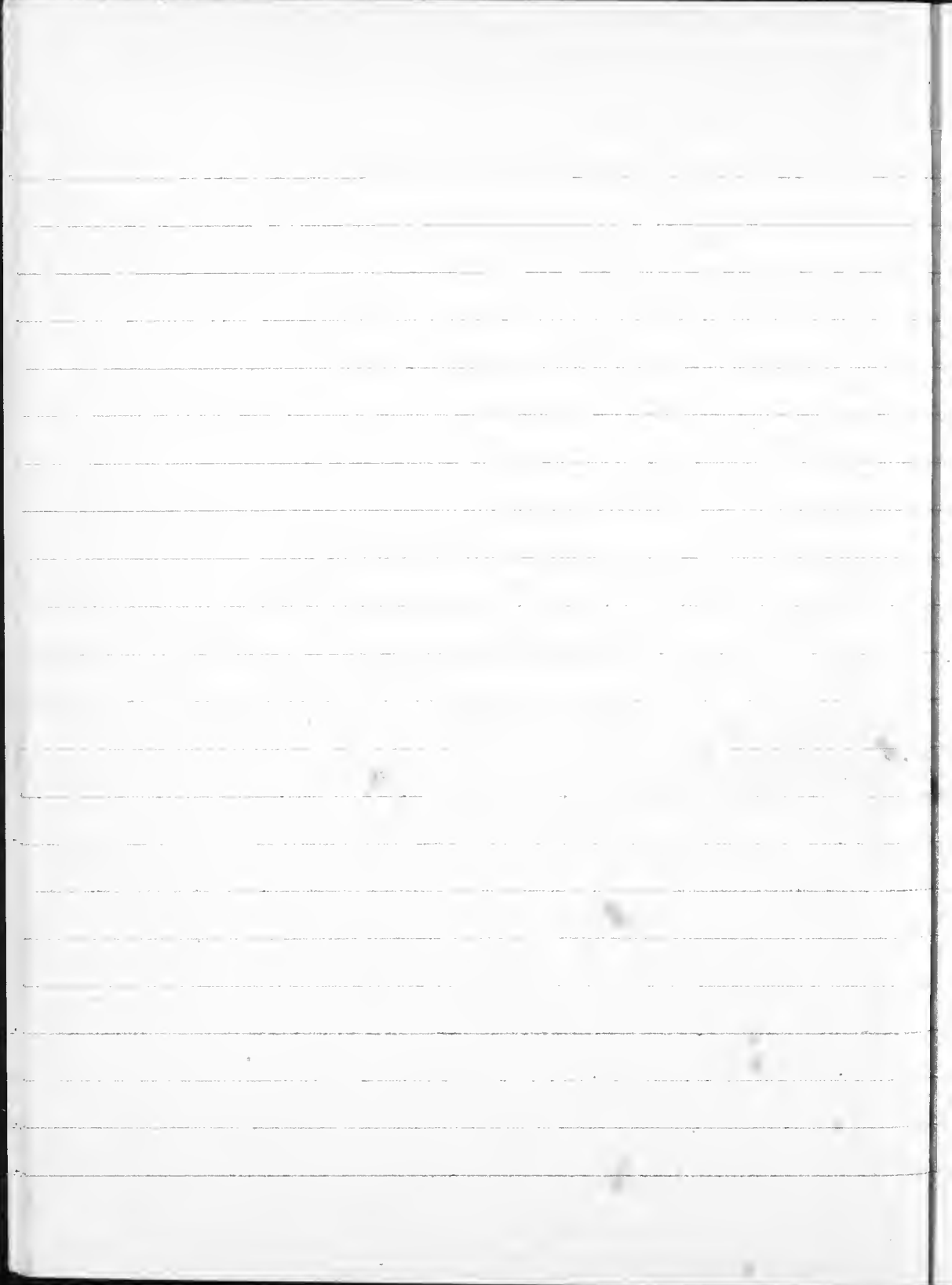
Ficus
Schottii
Duyard

5177 Fungus (different) Ficus "El
Cedro" Quebrada El Cedro, southeast of
Pitalito.

5178 Tibia? ~~Quebrada~~ ~~guayabo~~
4-6. ~~in.~~

5179 Herb. Fl. red. Quebrada ~~guayabo~~

5180 Melast. tree. Quebrada guayabo.



- 5181 Cassia? / Fl. yellow 2. Guayaquil
Tree.
- 5182 Cassia? Fl. red. 2. Guayaquil
- 5183 Clusia tree Fl. pale pink-white.
Guayaquil.
- 5184 Melast. tree. Fl. purple-red. Very
common. Guayaquil.
- 5185 Tree fern Guayaquil. Leaf 6 ft long.
Hr. 3 m. Guayaquil
- 5186 Tree fern 3m. leaf 1 1/2 m
- 5187 Piper. Sm herb Guayaquil. Fragrant.
- 5188 Phaseolus. Fl. white Guayaquil.
- 5189 "Cauchillo Colorado" 20 ft tree 1 1/2-2
ft diam. Photo. White latex in camb.
not abundant. Not a caucho. Bark smooth,
red. Quebrada Quebradona. Sterile.
- 5190 White Burmanniaceae on roots of a
Quercus, Quebradona.
- 5191 Cuphea. Along stream of Guayaquil
fl. purple.
- 5192 Hb. fl. white. Guayaquil

5265

C. telealbida Cntr. det Cntr.

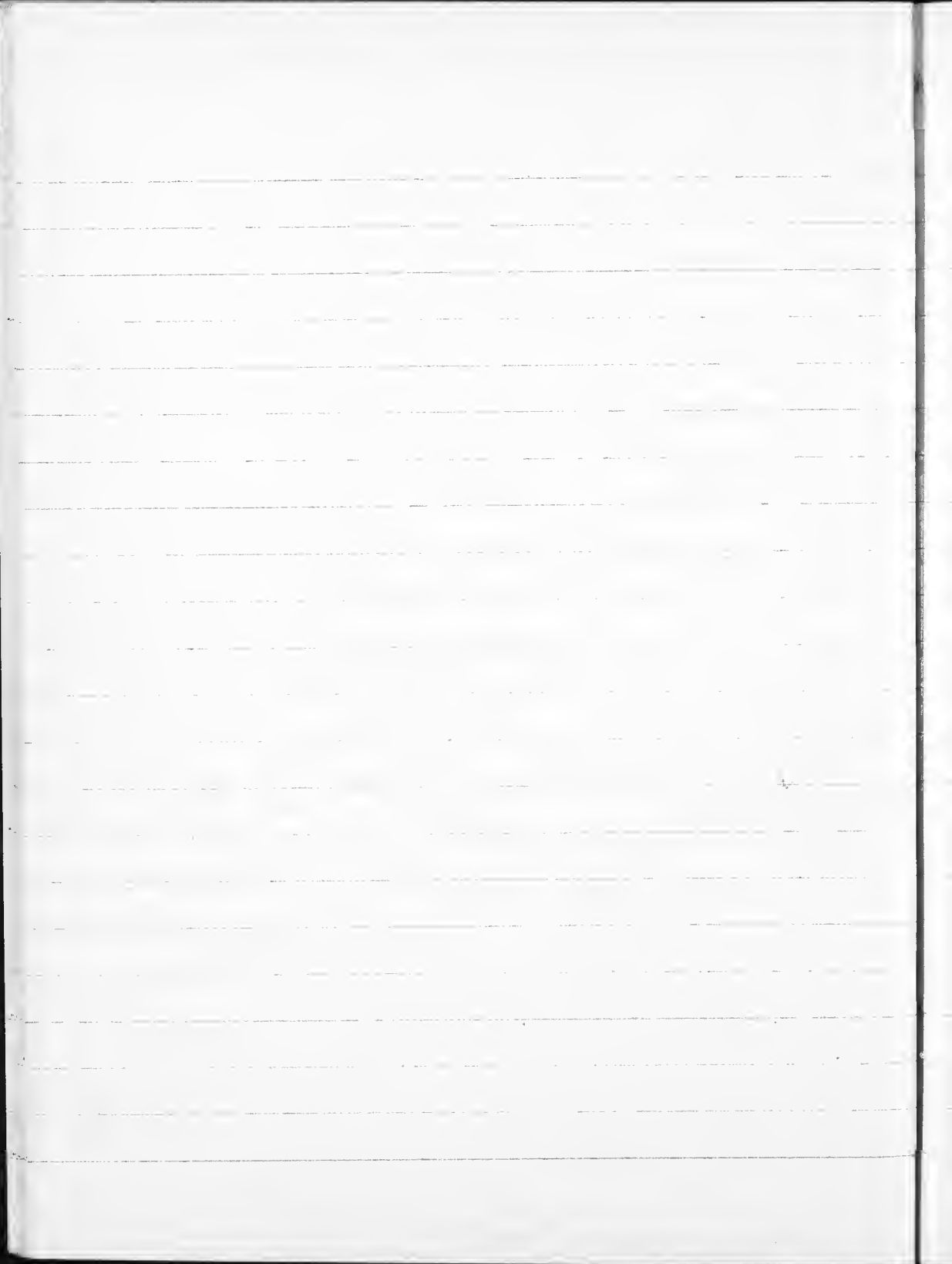
- 5193 *Palicourea* Bush. Fl. blanca-
1 1/2 - 2 m. Guayabo.
- 5194 Bush. Comp. Guayabo. Senecio?
- 5195 *Befu* fl. amarillos. Guayabo.
- 5196 *Genesacaceae* Fl. red. Hb. Guayabo.
- 5197 Hb. Fl. whitish. Guayabo.
- 5198 *Senecio?* Hb.
- 5199 *Saurauia* putumayensis Schult. et G.B.
? Sm tree on
edge of Rio Villalobos + Conchos Tropics.
Fl. white. Smell.
- 5200 *Mitandea* Sp. Guayabo Fl. white.
Br. red.
- 5201 Lichens + moss. ^{Flowers purple, yellow, red}
^{of the} Guayabo.
- 5202 *Befu* Gen. Fl. red. Guayabo.
- 5203 *Fuchsia* Fl. red. Lge herb. Guayabo.
- 5204 *Cephaelis?* Fl. not out, prob. yellow. Guayabo.
- 5205 *Cecropia* Tall tree. "Yarumo blanco" Fl. white
"Cerro del Guayabo" Leaf white both surfaces
Broad spreading foliage 80 ft.
- 5206 Yellow fl. *Senecio?* Large herb. Guayabo.
Open spaces. Leaf under + fl. bracts lanceolate.

Vally of Rio Cebro, ~~plains~~ of "Las Cabeceas" southwest
of Pitalito alt. 1300 m.

- 5207 *Besleria* Fl. red. Leaves reddish beneath. Dark forest Guayabo.
- 5208 *Ficus* ~~*F. m. Bruselas*~~, near Cirolo. Small tree 30 ft, 2 ft. diam. Dark green foliage. "Cuchillo" Sparse white latex. ~~*Ficus velutina*~~ *Dugl.*
Schubertii
- 5209 *Clusia* Llanos de Cabeceras, cerca de Cirolo. Large tree. "Cope"
- 5210 Orchid sp. Fl. Alto de Guayabos. Fl. brown. Racemes very long.
- 5211 *Miconia*. Fr. yellow. Large hb. "El Cedro Finca"
- 5212 *Datura arborea*. Shrub in forest "Alto de Guayabo" Fl. white.
- 5213 *Eucocoin*. Fl. red, hairy. ^{Alto de} Guayabo
- 5214 Terr. orchid. Fl. all yellow. Alto de Guayabo.
- 5215 Tall bush 2-3 m. Alto Guayabo. Fl. blue.
- 5216 Large bush Fl. purple. Alto Guayabo
- 5217 Tall 80 ft tree. *Clusia* "Cope" Sterile.
2. Guayabo

5225 W. eximiana Custer

- 5218 Paper Bush 2 Guayabo
- 5219 Ep. orchid. Unicete Fl. fragrance of
lemon. Colour of ^{new} flesh. Alto de Guayabo
In Cinchona.
- 5220 Gesner. herb. on fl. shade of forest Guayabo
Fl. orange-yellow.
- 5221 Begonia Fl. red. Fr. red. Guayabo. Fl.
of forest, shade.
- 5222 Vine Gesner. Fl. pink. Alto Guayabo.
- 5223 Melast. tree. Fl. white. Guayabo.
- 5224 Peperomia. Sp. Alto Guayabo.
- 5253 Weinmannia (sterile) Alto Guayabo
to see 5225 Tree. 40 ft. tall.
- 5226 Loranthaceae Fl. yellow. Alto de
Guayabo.
- 5227 Tall herb 1m. Fl. red. Rubiaceae
Alto Guayabo.
- 5228 Besleria hb. Fl. red outside, yellow
inside. Forest floor Alto Guayabo



- 5229 Tree. Fl. yellow. Alto Guayabo.
- 5230 Melast. bush. Alto Guayabo.
- 5231 Small bush Rubiac. Fl. red. Alto Guayabo. 2m.
- 5232 Bush. Fl. bright red. Alto Guayabo.
- 5233 Clusia "estoraque" Tall tree "Cajé"
Sterile. 2. Guayabo.
- 5234 Melast. tree. Fl. purple. Villalobos
+ Cauchos.
- 5235 Bush. Villalobos + Cauchos. Bush
2m. tall.
- 5236 Anthurium Guayabo.
- 5237 Grass con hongos Guayabo.
- 5238 Paper Bush 2-3m. Guayabo.
- 5239 Quinaquina Guayabo Alto Sterile
- 5240 Fern. Alto de Guayabo.
- 5241 Tropaeolum Guayabo pm. vine fl. sal-
mon pink, green at tips, black inside
- 5242 Saurauia pulchra? Rio Cedro jaw
Very frag. Fl. white. Photo, Sm. tree, 15

5253 W. Caquetense Costa del Norte 7.5 ...

5243 *Ipomoea* Fl. green - white.
Rio Pedro.

5244 Grass Forest Rio Pedro Fl.
orange yellow.

5245 Paper. Rio Pedro. Bush 2m.

5246 *Ipomoea* Fl. red. Rio Pedro.

5247 *Borreria* leaves reddish, Fl. pink
intermediate green on black spots
rather woody.

5248 Paper Bush Villalobos

5249 Fern

5250 *Myrsine* bush, 2-3m. High

5251 Small tree or large bush. Rio Pedro. Fl. white

5252 Tree fern Villalobos & Cañales

5225 ~~5220~~ *Urena* Villalobos & Cañales

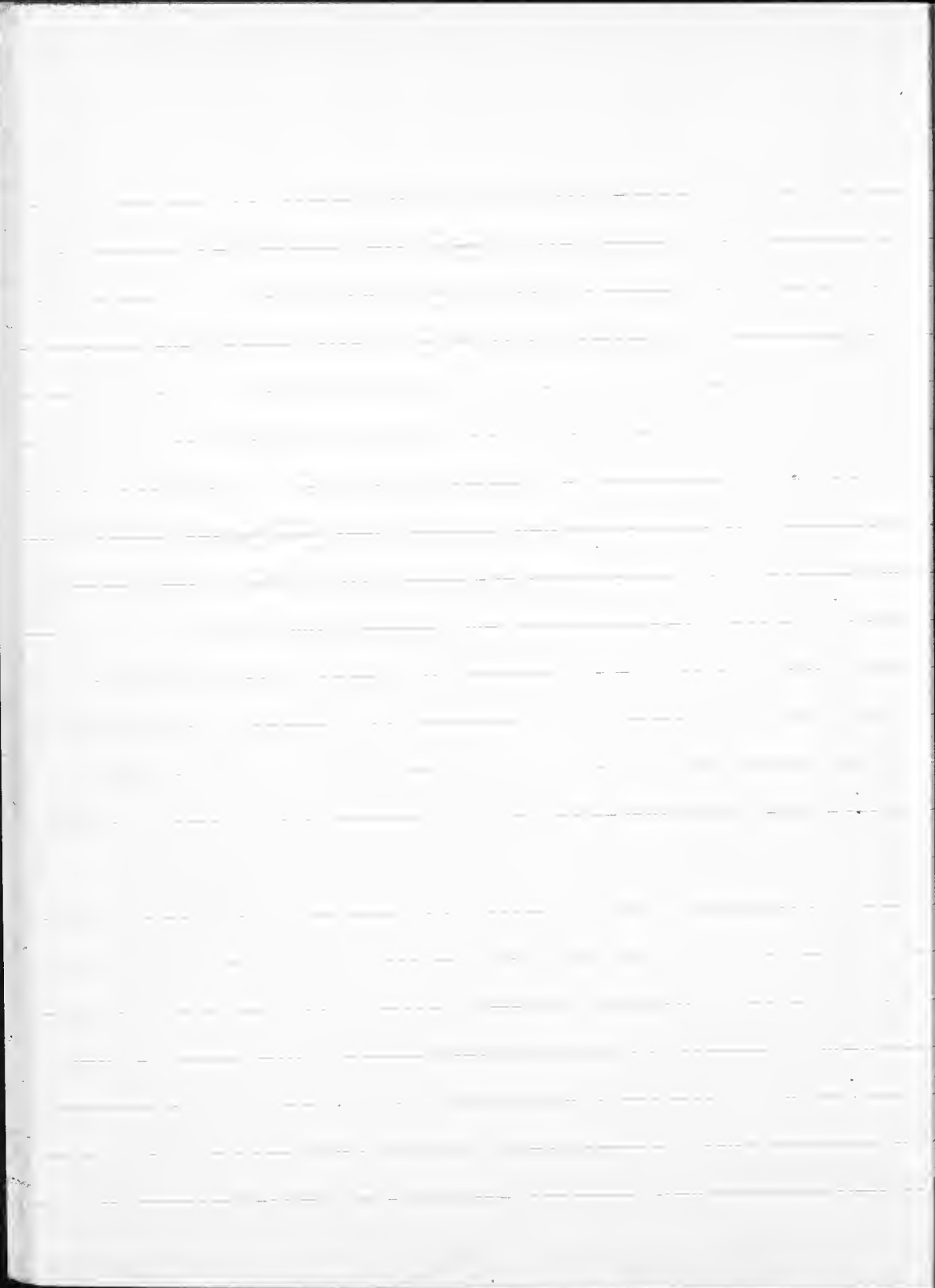
5254 *Thunbergia* Fl. white, d. center red.
Villalobos & Cañales

5255 *Hedyosmum* *gambosii* *gambosii*
alt. *gambosii*

5257 Shrub Comp. Villalobos & Cañales

5256 Small tree Rio Pedro. Fl. white. alt.

5258 Small Comp. shrub, V. & Cañales
gambosii



- 5259 *Cariboucia*. *Cariboucia* + *Cariboucia*
1 1/2 m. Long. Vallabos + *Cariboucia*
- 5260 Small bush. 1 m.
- 5261 Small tree 3-4 m. Fl. white, hairy
Rubraea V. + *Cariboucia*
- 5262 Small Rub. tree. Fl. white: *Cariboucia*,
+ Vallabos.
- 5263 Bl. of fungi. V. + *Cariboucia*
- 5264 *Fuchsia* Fl. red. Rub. V. + *Cariboucia*
- 5265 Small bush. Fl. red. V. + *Cariboucia*
- 5266 *Thibouida* Sp. 2. Herb. in
- 5267 Forest herb. Fl. yellow 2. Herb. in
- 5268 *Orchid*, Sp. Fl. white, spotted
Vallabos + *Cariboucia*
- 5269 *Zingiberaceae* V. con *Cariboucia*
- 5270 Sm. *Guaiacum*, tree. Fl. red V. con
Cariboucia
- 5271 Vine. Fruit yellow. Fl. small,
purplish with white dots. Alto de
Guayaco. Attention!
- 5272 Sm. herb. Fl. purplish white.
- 5273 *Thibouida* Vallabos + *Cariboucia*
- 5274 Sp. herb. Fl. in leaf white, yellow
when V. + *Cariboucia*.

[The page contains extremely faint and illegible text, likely bleed-through from the reverse side of the document. No specific content can be transcribed.]

CUARTO CENTENARIO DE BOGOTA

EXPOSICION FLORAL

en el Instituto Botánico de la Ciudad Universitaria
(Bajada por la calle 26 y la 45)

DEL 4 AL 8 DE AGOSTO DE 1938

BOLETA DE ENTRADA

VALOR 5 CENTAVOS

Director del Instituto Botánico

Pfizer Synthesis
Dimerization

Large Polymers
White Flowers
Cajon School

to tub ha-shushi
Res. barrachero

Blue Salvia
mangipaki

Small Cuphea
flor de sapo

Runner
Kerak
lengua de vaca^uche^c

Maizquillo
genual^uhe

Rumex
lengua de vaca

1911
"Lengua"
no. 1

PLANTAE COLOMBIANAE

DEPARTAMENTO DEL HUILA

Pitalito, Quinche, open fields. Alt. 1300 m.

No.

Coll.

{ RICHARD EVANS SCHULTES }
{ M. VILLARREAL }

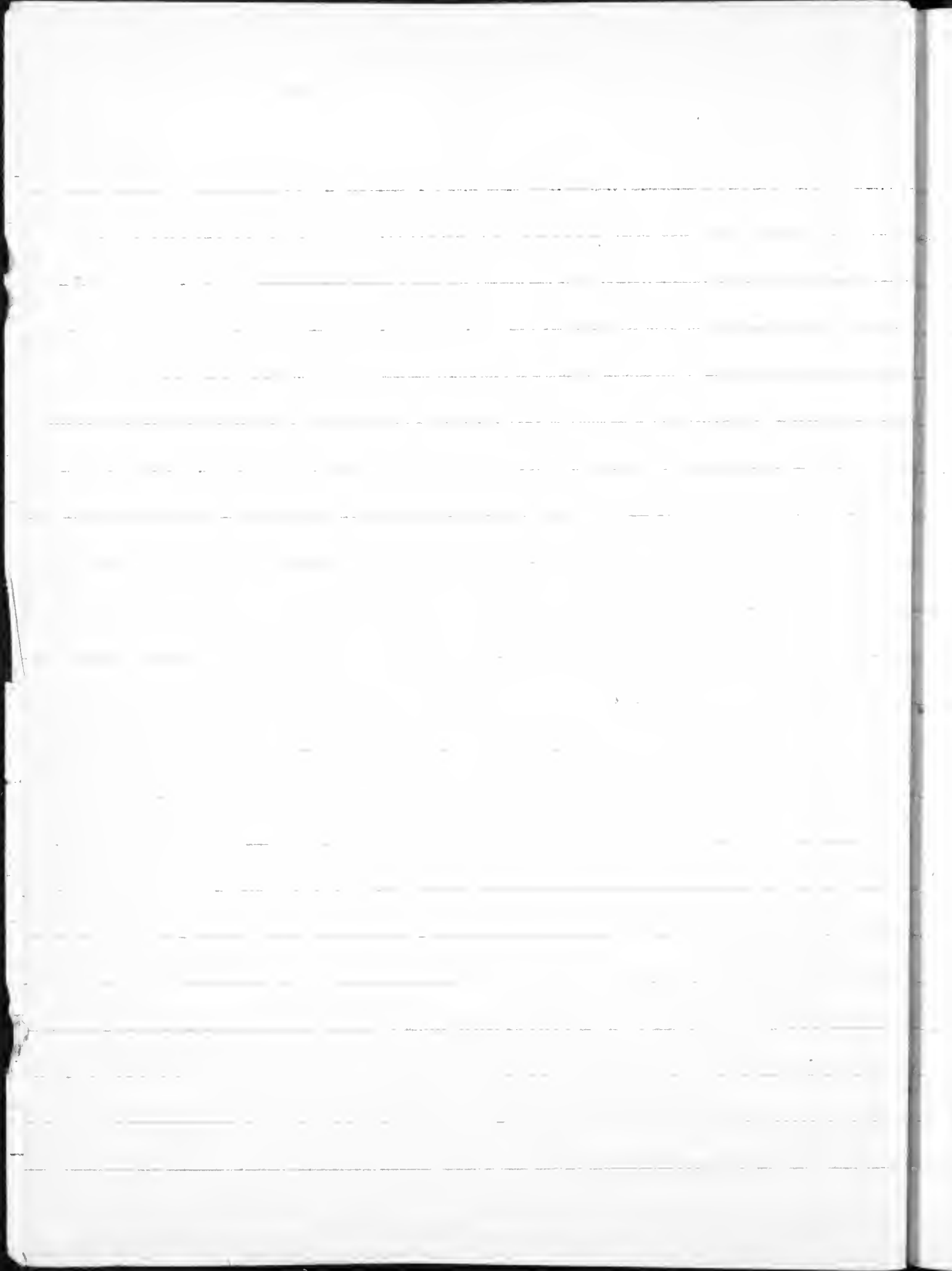
December 30, 1942



- 5275 *Ficus*, *Stem*, "Cae. v. G." *Sm.*,
tree. *Orullo*.
- 5276 *Ficus*, *Stem*, *Orullo*
- 5277 Yellow *Orullo* Petals red *Orullo*
at base. *Vain*, *Alto Guayata*.
- 5278 *Saururus* *Rio Orullo* *Orullo*
Sm. *Fl.* white, very fragrant.
- 5279 *Orchid* sp. *Fl.* purple. *Elle*

Orullo

- 5280 *Orullo* *Orullo*
- 5281 *Orullo* *Orullo*
- 5282 *Ficus* *Orullo* *Orullo*
- 5283 *Herb.* *Fl.* purple. *Verde*
- 5284 *Senecio* *Fl.* white
- 5285 *Comp.* *herb.* *Fl.* yellow
- 5286 *Ficus* *Orullo* *Orullo*
- 5287 *Herb.*
- 5288 *Phaseolus* *Fl.* purple
- 5289 *Labiata* *herb.* *Fl.* white
- 5290 *Labiata* *herb.* *Fl.* white
- 5291 *Labiata* *Fl.* purple, *herb.*



- 5292 Legum. herb. Fl. white - Ranunculaceae
- 5293 Fl. rosea or blue. Labiate herb.
- 5294 Tree or shrub. Vine. Fl. purple.
- 5295 Fl. white. Bush 2-4 m.
- 5296 Herb. Fl. yellow.
- 5297 Eupat. herb. Fl. violet, herb.
- 5298 Tradescantia. Fl. white herb.
- 5299 Fl. white. Labiate? herb.
- 5300 Herb. Fl. blue.
- 5301 Paper. Bush 3 m.
- 5302 Small bush. Fl. blue.
- 5303 Malvaceae fl. yellow.
- 5304 Herb. Fl. yellow. Comp.
- 5305 Small crawling herb. Fern.
- 5306 Bush. Fl. purple.
- 5307 Herb. Fl. yellow.
- 5308 Bush 2 m. Fl. yellow. Tern.
- 5309 Vine. Fruit green.
- 5310 Cow-pie? Vine.
- 5311 Herb. Fl. red.
- 5312 Legum. Fl. white, fragrant.
- 5313 Shrub. Comp. Fl. white.
- 5314 Vine. Fl. white.



5315 *Saurauia* *Con...* 15 ft.
Fr. ed. *Uroquillo* lux. fol.
Fl. tube white
yell. at tip. Fol.
spines

5316 Tree Fl. yellow, 6-7 in.

5317 *Saurauia narcissifragrans*
same loc.

5318 *Wernmannia* alto Guayabo

5319 *Saurauia* In tree in forest edge.
Uroquillo. Fr. ed. 12 ft.

5320 *Oratevina* Between Verduyven
& Cauchos. Very
large forest tree. Red-
dish latex, very resinous
caucho colored.

5321

5322

5323

5324

5325 *Piper*

5326

5324 W. Casquetano Cuatro del Cuatro.

[Faint, illegible handwritten notes or scribbles]

5327 *Saurauia*. Cauchos,

5328

5329 *Weinmannia* alto Guayabo 20-25
m.

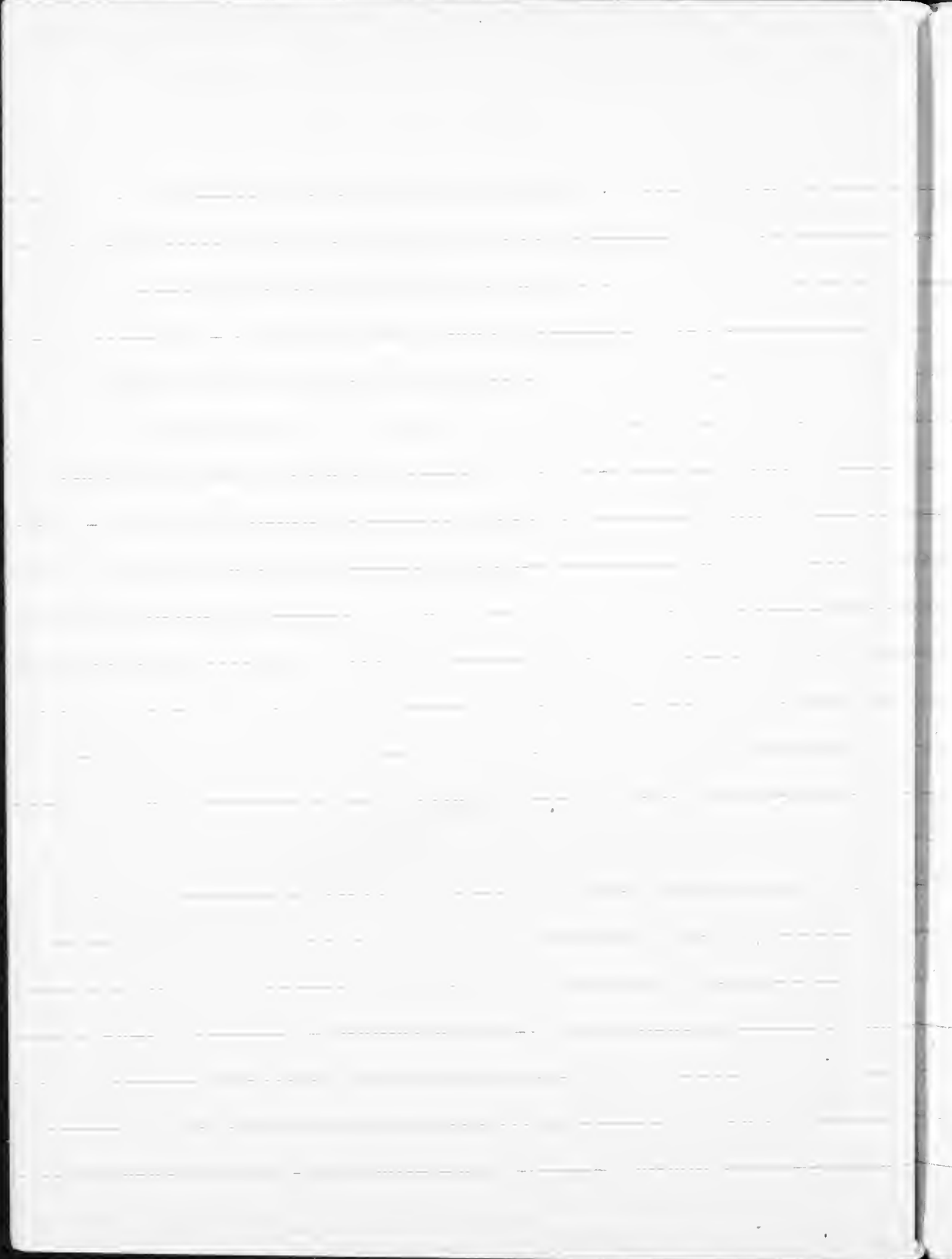
5330 *Saurauia* ~~Alto de Guayabo.~~
~~*Phoradendron* *thalictroides*~~
fulchra Spr. *De Agostini* ~~type~~

1 pava a traer San Cristobal a Monte Cristo	1.25
4 botellas leche a traer a Monte Cristo	4.00
alambres 4 calderos en el viaje	5.00
paletines de papa	1.25
botellas de vino para sopa	1.00
1 lb chocolate molido	.50
1 gallina	1.50
Carne de res 20 lbs a 17 c/u	5.10
mantequilla 3 lbs a 40 c/u	1.20
15 lbs maiz tostado .03 c/u	.45
buñuelos de arroz para desayuno	2.50
4 botellas cafe 15 c/u	.30
2 lbs arroz .14 c/u	.28
1 lb arroz	1.20
Arroz de trigo	.80
1 gallina	1.00
carne resaca	.25
1 pava pilando maiz	.50
botellas para almuerzo dia valida	1.40
2 botellas de panela a .15 c/u	.30
2 pilas	1.00

1918. 18

up 200	.15
W.20
50 ...	1.14
2.55
L. ...	1.00
...	1.50
...	.40

...



P. V.

8 7/2 lb. 1.87

...

2 5/8 lb. 1.25

...

2 5/8 lb. 1.25

6 lb.

...

7 1/2 lb. 1.50

...

12 lb. 2.40

5 lb.

...

...

17 lb. 72

7 1/2 lb. 1.25

...

10 lb. 1.75

...

...

3 1/2 lb. 4.00

10 lb. 1.40

...

...

1 doz.60
6 doz. ...	2.80
Chickens ...	1.00
5 lbs.30
10 lbs.90
3 eggs15
27 ...	4.15

first trip

Francisco Salazar 10 1/2 days

Carlos Vargas

Victor Trujillo

Luis Tobar

Vicente Artunduaga

Film #80

- 1) Scenes in Campoalegre Hills
- 2) Dec. 29
- 3)
- 4)
- 5) Herradura, south of Gigante Dec 29
- 6) Pericones, Rio Magdalena Dec 29
- 7) South of Garzon looking " "
- 8) Bus of Antanduro Dec. 29
- 9) View of Rio Antanduro from Pitulita Dec 30
- 10) Falls in Antanduro
- 11) 12) Falls + river Magdalena and Pitulita + San Juan

Robertson # 10

10)

11) Road between [unclear] to [unclear]

12) [unclear] of [unclear] - [unclear]

13) [unclear]

14) [unclear]

15

16

Film 81

1-12) Trip to San Agustín, Dec 31.

Film 82

1-10 Trip to San Agustín & Cruzes ^{Jan 1}

11-12 2. school, Patate, Jan 1

→ sent to Bogotá by train

Film 83

1, 2, 3. The Calceyaca, south of Patate, with party from Jan.

Film 84

1, 2,

3) *Quercus* tree in road, 1 1/2 mi. Patate ^{Jan 2}

4) " " " " " " " " ^{Jan 4}

5) *Quercus* tree about 1/2 mi. " " " " " " " "

6) *Quercus* tree Jan 4.

7) " " " " " " " "

8) *Quercus* tree in road of Cruzes ^{Jan 5}

9) *Quercus* tree, from #8 ^{Jan 5}

10) *Quercus* tree Jan 5

11) *Quercus* tree Jan 5

19 5 x 1

1) 2000
2)
3)

4) T
5)

5-4-11

6-11-11

7-11-11

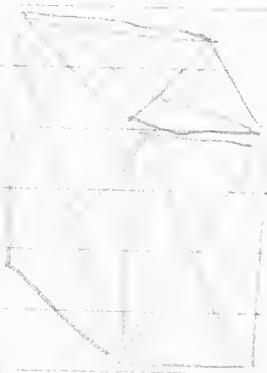
8-11-11

9-4) P

...

Feb 57 *Quercus* *...*

1) *...* *...* *...*



Holes on florence

Rubber gatherers

Daniel Rodriguez Antioqueño

Samuel Lopez I work in Caguana cauchero negro

(Inarcua Manchola in Curupaya on Rio Caguata trabaja en el Caguata cauchero negro,quilla, Salata

Misiam Cuellar companion of Sr. Vasquez, "works together" Puerto Diego

José Lozada Carlos cauchero negro

All of these sacando cauchero negro de la refa

de Sa'adito (Caucaya) Refina Caobaya with Salata in quilla.

Trabaja en casa Santa Domingo, Barranquilla

Vasquez says Salata refa + cauchero negro in cauchero de la Fragua. On Fragua + Uruiaco hay un Huelto. This is the Fragua which feeds in Caguata, not that falling into Pescado.

Luis Castro, gerente y Caja grande in charge of rubber.



Tabla de multiplicar

$2 \times 1 = 2$			$5 \times 1 = 5$			$8 \times 1 = 8$		
2	2	4	5	2	10	8	2	16
2	3	6	5	3	15	8	3	24
2	4	8	5	4	20	8	4	32
2	5	10	5	5	25	8	5	40
2	6	12	5	6	30	8	6	48
2	7	14	5	7	35	8	7	56
2	8	16	5	8	40	8	8	64
2	9	18	5	9	45	8	9	72
2	10	20	5	10	50	8	10	80
$3 \times 1 = 3$			$6 \times 1 = 6$			$9 \times 1 = 9$		
3	2	6	6	2	12	9	2	18
3	3	9	6	3	18	9	3	27
3	4	12	6	4	24	9	4	36
3	5	15	6	5	30	9	5	45
3	6	18	6	6	36	9	6	54
3	7	21	6	7	42	9	7	63
3	8	24	6	8	48	9	8	72
3	9	27	6	9	54	9	9	81
3	10	30	6	10	60	9	10	90
$4 \times 1 = 4$			$7 \times 1 = 7$			$10 \times 1 = 10$		
4	2	8	7	2	14	10	2	20
4	3	12	7	3	21	10	3	30
4	4	16	7	4	28	10	4	40
4	5	20	7	5	35	10	5	50
4	6	24	7	6	42	10	6	60
4	7	28	7	7	49	10	7	70
4	8	32	7	8	56	10	8	80
4	9	36	7	9	63	10	9	90
4	10	40	7	10	70	10	10	100