

5100 - 5330

*Spe*

5100 - 5330

*Cuaderno de .....*

*Perteneciente a .....*



Dec. 26 Bogota Neiva 7-10

Ferrocarril Guadalupe-Tolima - Huila

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

Train ticket 8.95

Coffee bag to train .30

Shifting bag on train .35

Lunch on train 1.25

Baggage and .50

Tip station 1.00

with baggage ~~1.00~~

7:15 7:25 (no change)

La casa Neiva etc 1.00

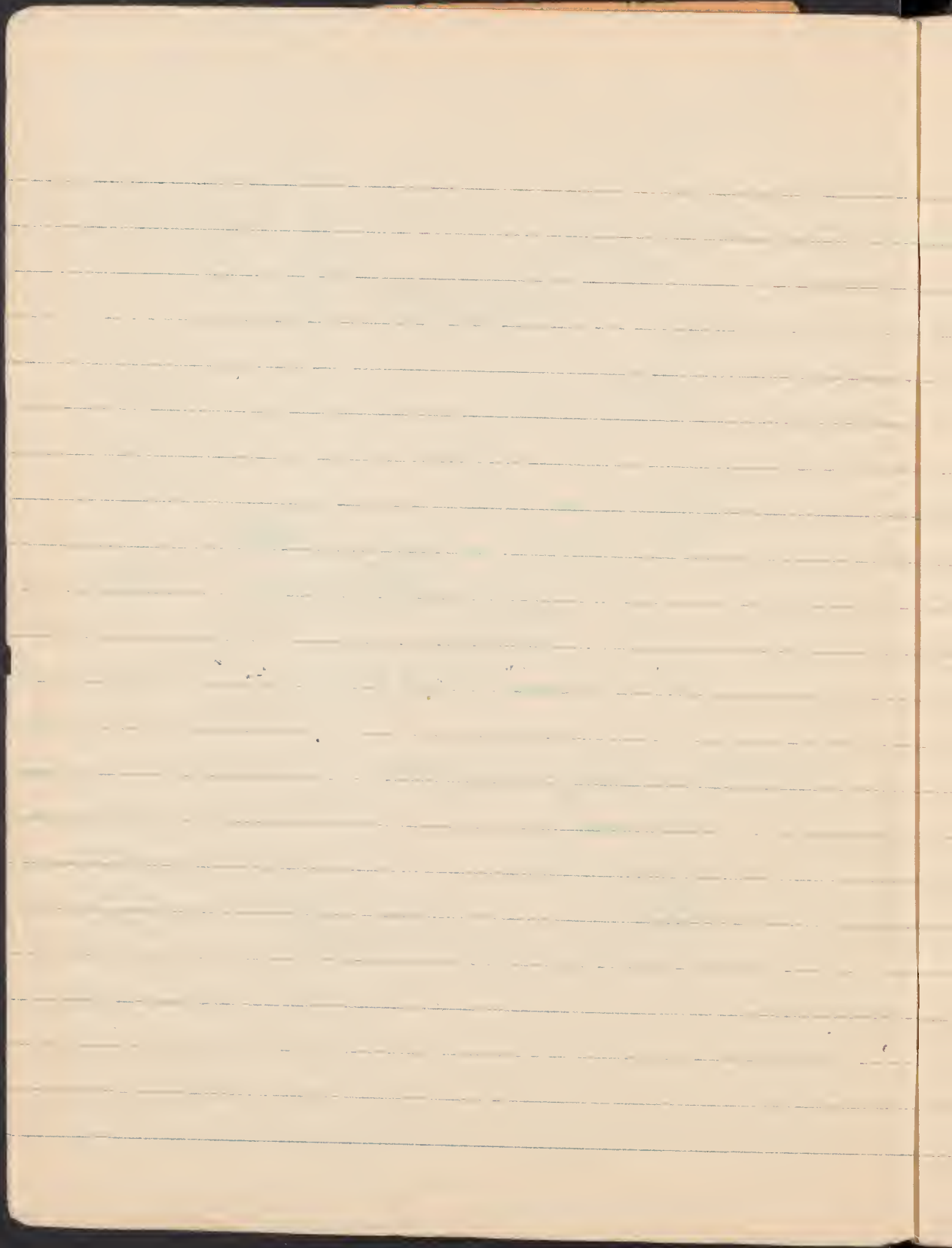
Dec. 27 Sunday Neiva

La casa .50

La casa .50

La casa .50

Entertainment, Beer, etc 1.50



Dec. 28 Monday Neiva

Bought purchases

Saw Gov. Carlos Martínez Borrero

Got gun permit

Hired transportation to Pitalito

✓ Medicines (only charge up 1 day medicine - 1.00)	2.60
✓ Shoe shine	.15
✓ Shave + haircut	.65
✓ Ice cream, beer, etc.	2.20
✓ Impermeable	2.50
✓ 2 rolls verichrome	1.70
✓ Express of baggage Bogotá - Neiva	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	7.75
✓ Fare to train	1.30
✓ Fare Dec. 28 6:30 - 8:45	1.00



Dec. 29 Tuesday Neiva - Pitalito

By bus 5:00 AM - 3:30 PM

"Transfederal" Bus of Señor

Arturo Duaga called Jan. 1951, cost  
of bus chassis \$3200 + bus body made  
in Col. \$800 - Total \$4000. Needs

tyres, body.

✓ Bus - fuel line

2.70

✓ " " Villavieja

2.70

✓ 4 tyres @ 2.00 each

3.00

Talk with

Luis F. Vasquez (Pitalito)

Florencia - Patate

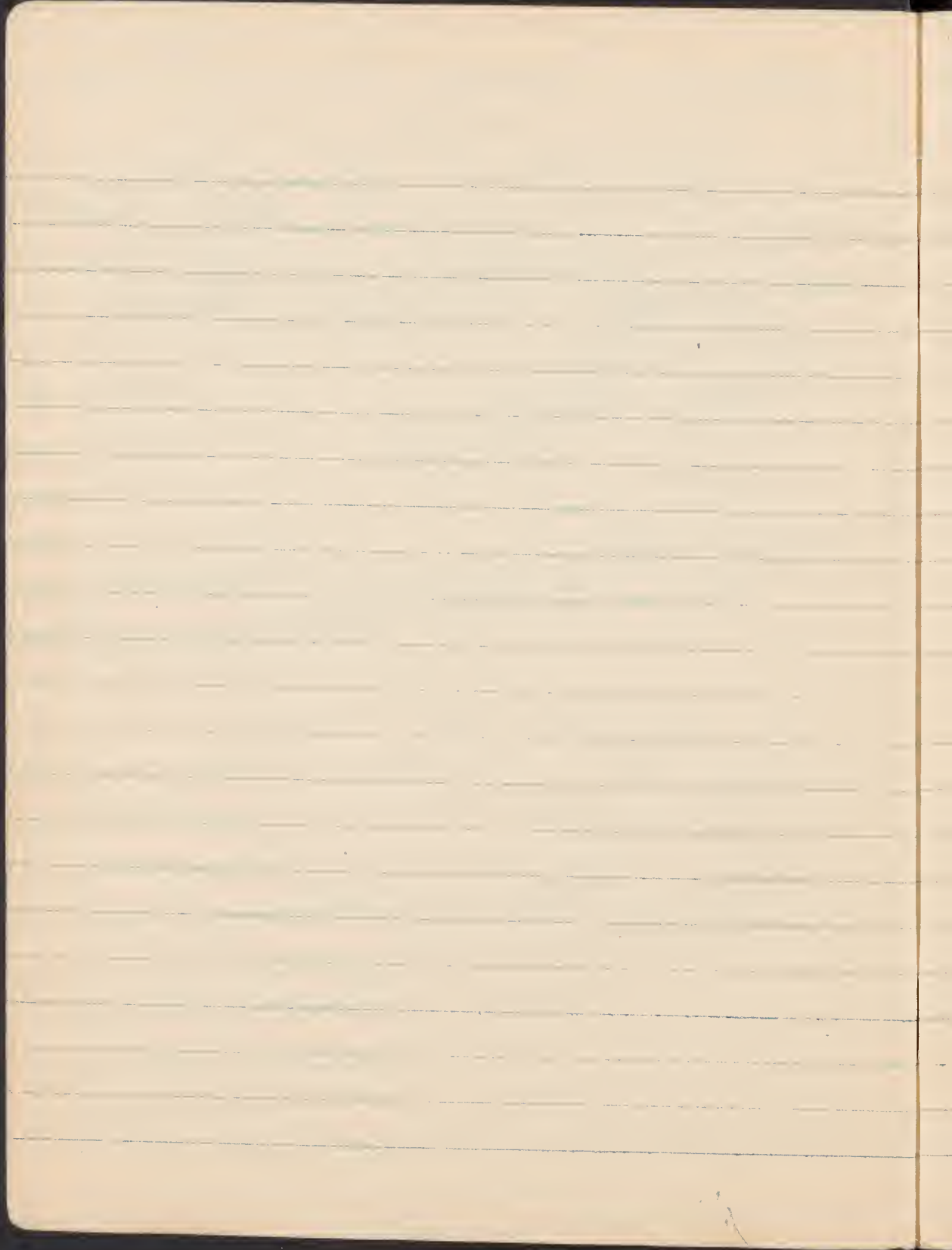
Pay help of Manuel 2.50

✓ Beer 1.00

Taxes, etc. 45

Mail .32

✓ 3 motel or bed 1.30





Dec 30 Wednesday

Trip Patate - Timaná .40

✓ "Transporte del Huila y Caquetá"  
8:30 - 9:15

✓ Timaná to Neque 11:33

Return from Timaná to see 3.9 <sup>9</sup> <sub>10</sub> <sup>11</sup> <sub>12</sub> <sup>13</sup> <sub>14</sub> <sup>15</sup> <sub>16</sub> <sup>17</sup> <sub>18</sub> <sup>19</sup> <sub>20</sub> <sup>21</sup> <sub>22</sub> <sup>23</sup> <sub>24</sub> <sup>25</sup> <sub>26</sub> <sup>27</sup> <sub>28</sub> <sup>29</sup> <sub>30</sub> <sup>31</sup> <sub>32</sub> <sup>33</sup> <sub>34</sub> <sup>35</sup> <sub>36</sub> <sup>37</sup> <sub>38</sub> <sup>39</sup> <sub>40</sub> <sup>41</sup> <sub>42</sub> <sup>43</sup> <sub>44</sub> <sup>45</sup> <sub>46</sub> <sup>47</sup> <sub>48</sub> <sup>49</sup> <sub>50</sub> <sup>51</sup> <sub>52</sub> <sup>53</sup> <sub>54</sub> <sup>55</sup> <sub>56</sub> <sup>57</sup> <sub>58</sub> <sup>59</sup> <sub>60</sub> <sup>61</sup> <sub>62</sub> <sup>63</sup> <sub>64</sub> <sup>65</sup> <sub>66</sub> <sup>67</sup> <sub>68</sub> <sup>69</sup> <sub>70</sub> <sup>71</sup> <sub>72</sub> <sup>73</sup> <sub>74</sub> <sup>75</sup> <sub>76</sub> <sup>77</sup> <sub>78</sub> <sup>79</sup> <sub>80</sub> <sup>81</sup> <sub>82</sub> <sup>83</sup> <sub>84</sub> <sup>85</sup> <sub>86</sub> <sup>87</sup> <sub>88</sub> <sup>89</sup> <sub>90</sub> <sup>91</sup> <sub>92</sub> <sup>93</sup> <sub>94</sub> <sup>95</sup> <sub>96</sub> <sup>97</sup> <sub>98</sub> <sup>99</sup> <sub>100</sub>

Talk with groups Patate  
Lucio Rutter

Talk with Don Alfonso Quintero  
Don Pascual Quintero

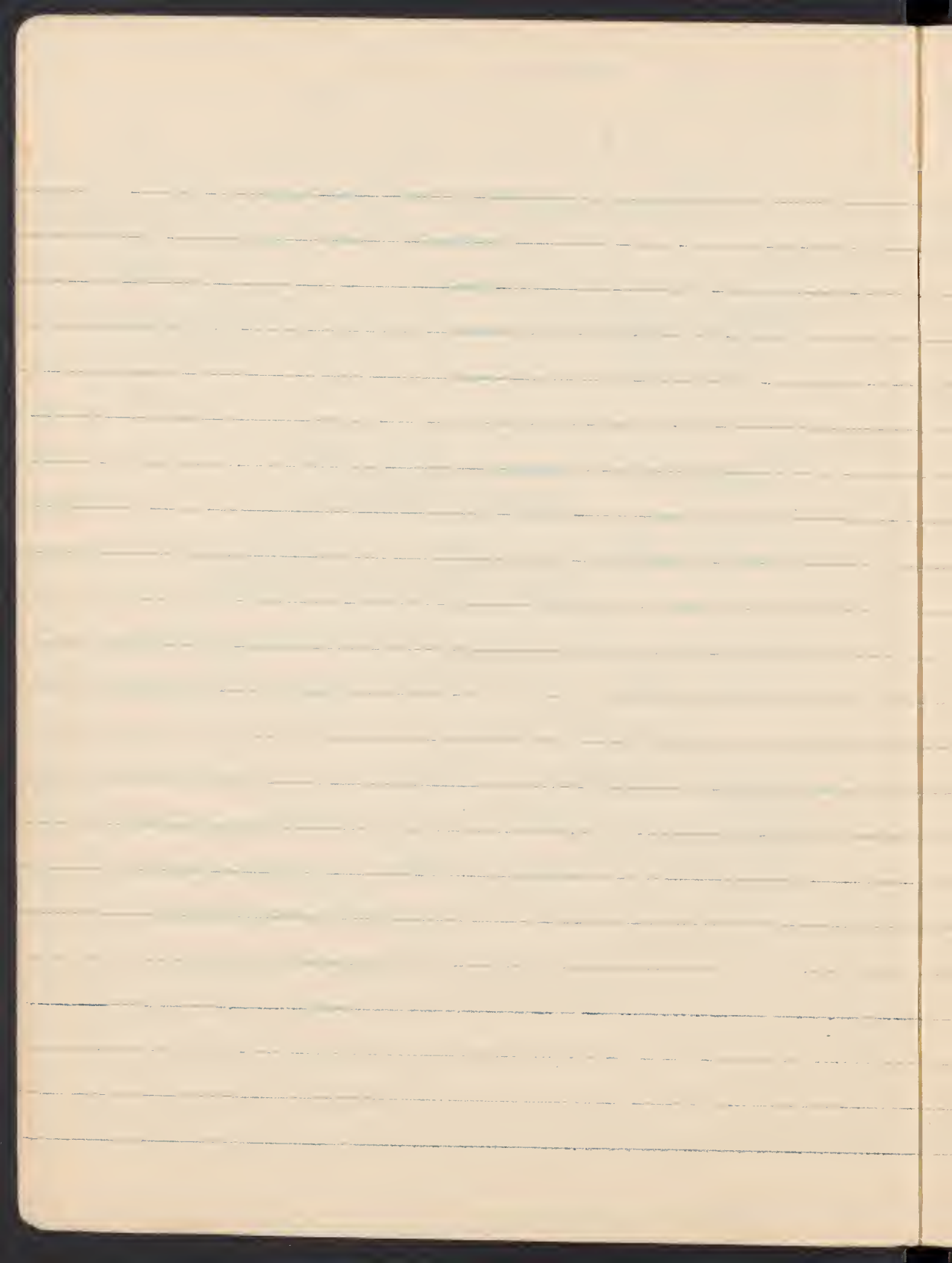
Buy some for the up-town and food, etc.

Talk with Dr. F. ... , official of ...  
... ..

✓ 15 gal. Gasoline 5.50

✓ Refueling ... 1.50

✓ ... 3 @ 50¢ 1.50



Dec. 31 The day

Patalito - Fin Agustin

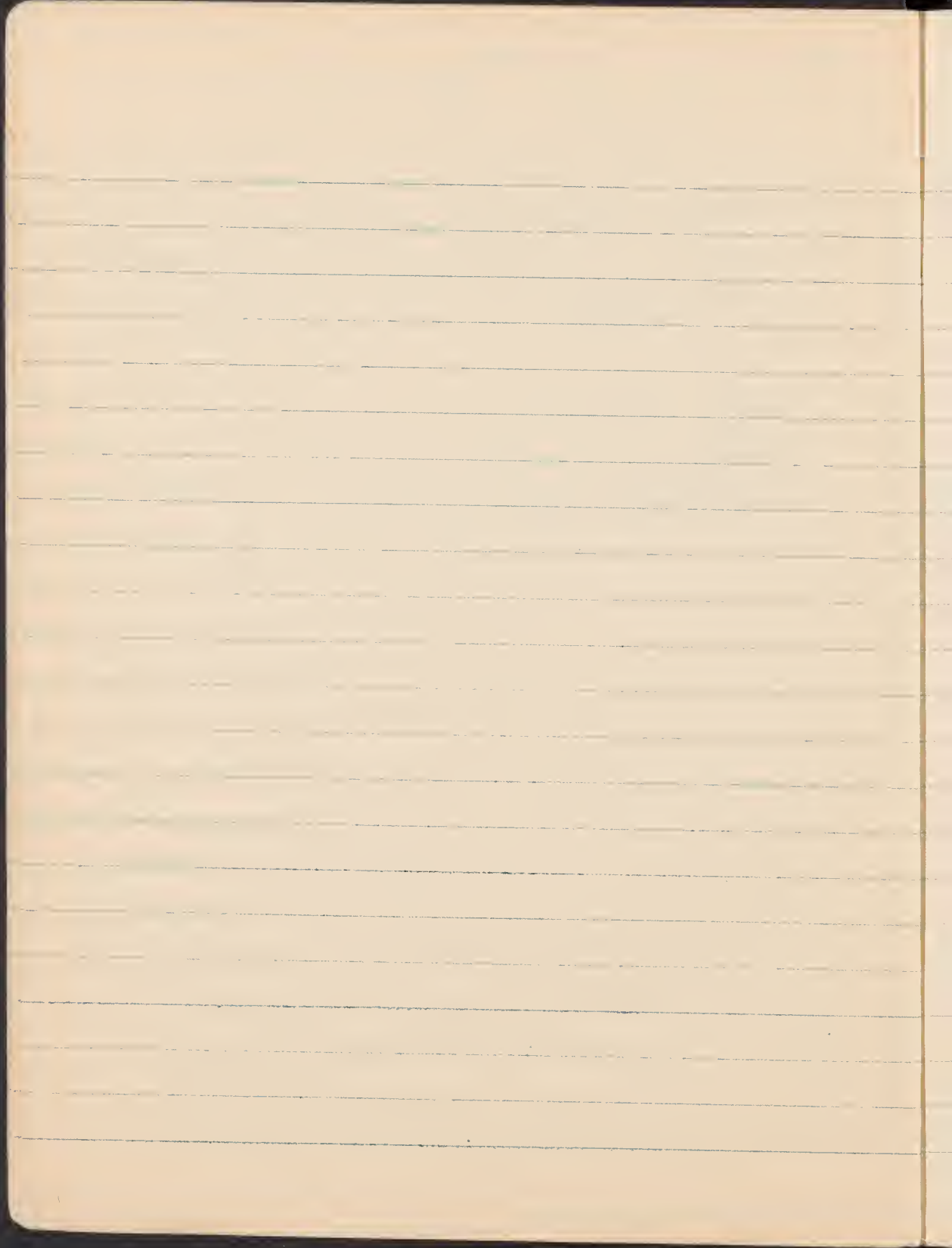
2:00 - 4:10

Talk with Mr. Juan Pardo

Arranging mules and buying tracks  
for trip.

Hotel bill .70

Tip for guide .30



Jan. 1, 1943 Friday

San Agustín 6:00 Petalito 10:30

Stopping at former Agustín Astudera's  
to see and arrange for peasants.

Talk with Sr. ~~de~~ Motta

Baker .25

Two ~~loaves~~

1.00

Knife

.60

111. 1000 ft

Jan 2, 1943 Sat. Pitalito - Credits

2 letters to family @ .50 \$ 1.00

Auto .55

Box money .40

1 gal gasoline @ .45

take notes .80

Mail Ribon .91 {including official .82  
sending films

Envelopes .10

Wire money .25

Wire money .36

Bought things

Talk with mayor

Talk with Sr. Don Jose Kuebelsof

Talk with Sr. Luis Vazquez

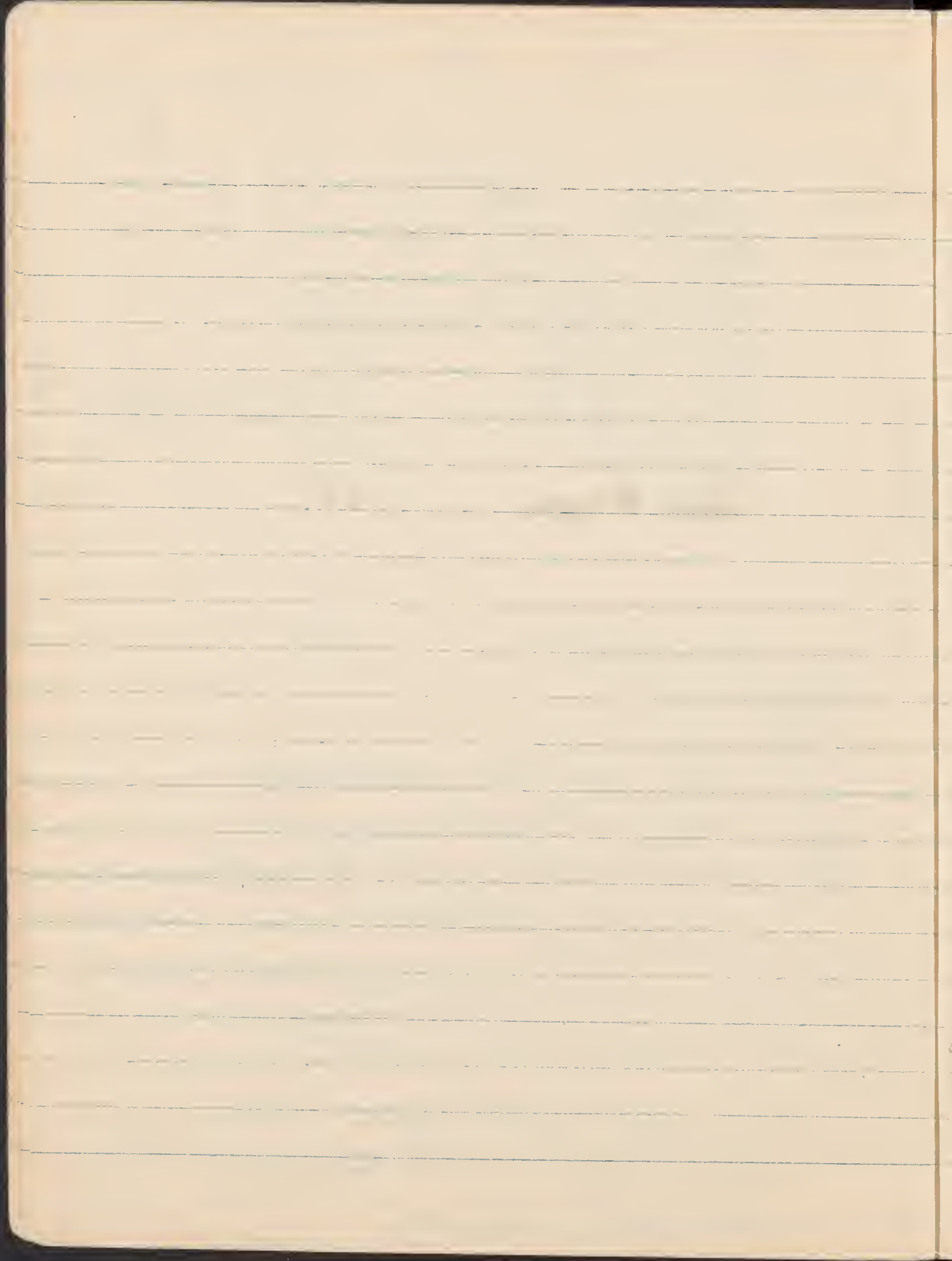
Talk with Angel ...  
Commissary of Pitalito

[ Pitalito to Cuervo by bus 6:30 - 7:30  
"Transporte Huero de Cuervo"

Bus for Kuebelsof 1.00

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

Hotel Pitalito Vallero " " " \$ 10.00





Jan 3. <sup>Sunday</sup> Cuzco - Finca Monte Cristo  
11:30 - 5:00

Repacked + packed food, got the gear  
off. Left by basket/cable from Cuzco  
Finca <sup>Villa María</sup> of Don Antonio to the judge at 11<sup>00</sup>  
arrived at the Finca called "Monte Cristo"  
on the Rio Cuzco south of Cuzco + filed to  
Hill commenced the Finca of Don Antonio  
country + there is another house on the finca  
3/4 of a mile north. This finca is said  
to be in the Concessions. ~~no~~.

Cuzco Finca Villa María  
had mud and red soil

First finca Angelino named "Orlando" named for  
in a fertile plain. Several houses.

Finca of Don Antonio. Hops + Ortiz  
interested in Hacer de San Lorenzo

Finca Monte Cristo

Paces through two plains and foothills.  
No rubber seen. Two species of Ficus -  
large leaf + "Cusco pajante". Sarcocolla  
fulva + Heliconia most conspicuous plants.

Jan 3

Had to write letters to  
make full up of my bill. An old man  
was a long family name -  
John Angel Smith -

Killed necks 75

Expenses

Expenses	16
Postage	15
Ham	1.00

Spent night at Finner where I dined  
Sandy

Jan 4, Monday Finca Monte Cristo  
6:30 — 5:30 to the base of Finca

Today we followed the Rio Cedro <sup>directly</sup> south  
nearly to its source, then crossed a ridge  
lying E-W which rises up to 1800 m. at least  
then went down & set up camp in the  
Quebrada Queyabo which runs Eastward.  
On the ridge there is guinea, but we had  
to pass due to the hot hr. and plan to re-  
turn tomorrow. In the low lands around the  
upper reaches of the Rio Cedro and on the  
other side of the ridge near the Quebrada  
Queyabo there are a ~~small~~ <sup>small</sup> number of  
cañaho blancos but they are usually  
small, scarcely passing 6" in diam.  
sometimes 8 or 10. Filled of tacky milk.  
They say that farther down south they are  
larger. None collected. Seems to be a  
new species? but probably not a Ficus. 6 spec.

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

Saurauia pulchra exceedingly frequent  
along along Rio Cedro Valley.

Jan 24

N T on <sup>9</sup> month 1906

filament in color

22 C. d. w.

alt. <sup>1</sup>/<sub>2</sub> all <sup>1</sup>/<sub>2</sub> <sup>1</sup>/<sub>2</sub>

5

amblyc. <sup>1</sup>/<sub>2</sub> <sup>1</sup>/<sub>2</sub>

Jan 5 Tuesday Quebrada Juncal - V. <sup>6:30 to 5:30</sup>

Quebrada Juncal. We left at about 6:30 AM to climb up back to the Tilo to see quina. After the day, a very interesting trip and first going eastward, mounting a second cordillera to about 1500-1800 m. There are numerous trunks of "quina tona", all small, usually about 2" in diam, most are about 5 1/2' or so. There are approximately 2000-~~3000~~ <sup>at the most, average 1500.</sup> trunks per hectare. We see several counts of plots 25 m x 25 m, counting in "1/4" hectare. There are from 140-170 trunks per square 25 meters.

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 "quina ananja" and "quina superior". Kuschelsky is buying only "tona" at 10¢ a kilo.)

"Caucho blanco," acc. to peasant, was formerly worked here. There are very few trees here in this field, perhaps some 5-6 per hectare. All are small, except a occasional one up to 1 ft. in diam. One was seen with the trunk of quina cuttings or toppings.

Late in the afternoon we returned to the

May in A. G. ...  
... the ...  
... Villars ...

Jan. 6 Wednesday Villalobos - 5 miles

We left the camp 7:30 - 4:30

July 8 walked all day through a flat  
prairie in which there are occasional  
patches of grass and shrubs. We  
arrived at the place called  
"Blanco".

The parents report that at the head of  
of the Sierra there is a mountain (the highest  
above the path) there are some "rosas"  
rosas? There are about 1000

We visited one of the many  
saline holes in this region. The water is  
with a bluish grey water coming out  
of the ground. In the distance, hills

Completed by steam engine  
at 4:30.

Rained all night.

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



Jan 17, Thursday 27 H. ...  
7:30 - 3:00

Left camp + took the path ...  
F. ...  
to the ... N-S  
valley ... There are about 12  
pages ...

Resumed path ...  
Arrived at the ...  
Camp ...  
Found a large tree with ...  
80 ft. tall. Photo ...  
acc. to Fr. Carter + tree ...  
Cut tree. Latex in the ...  
abundant. ...  
later ...

...

## Quantities -

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

2nd of February -  
Sun at Friday

+ Capt. ... at 4.30

All followed the ...

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(no)

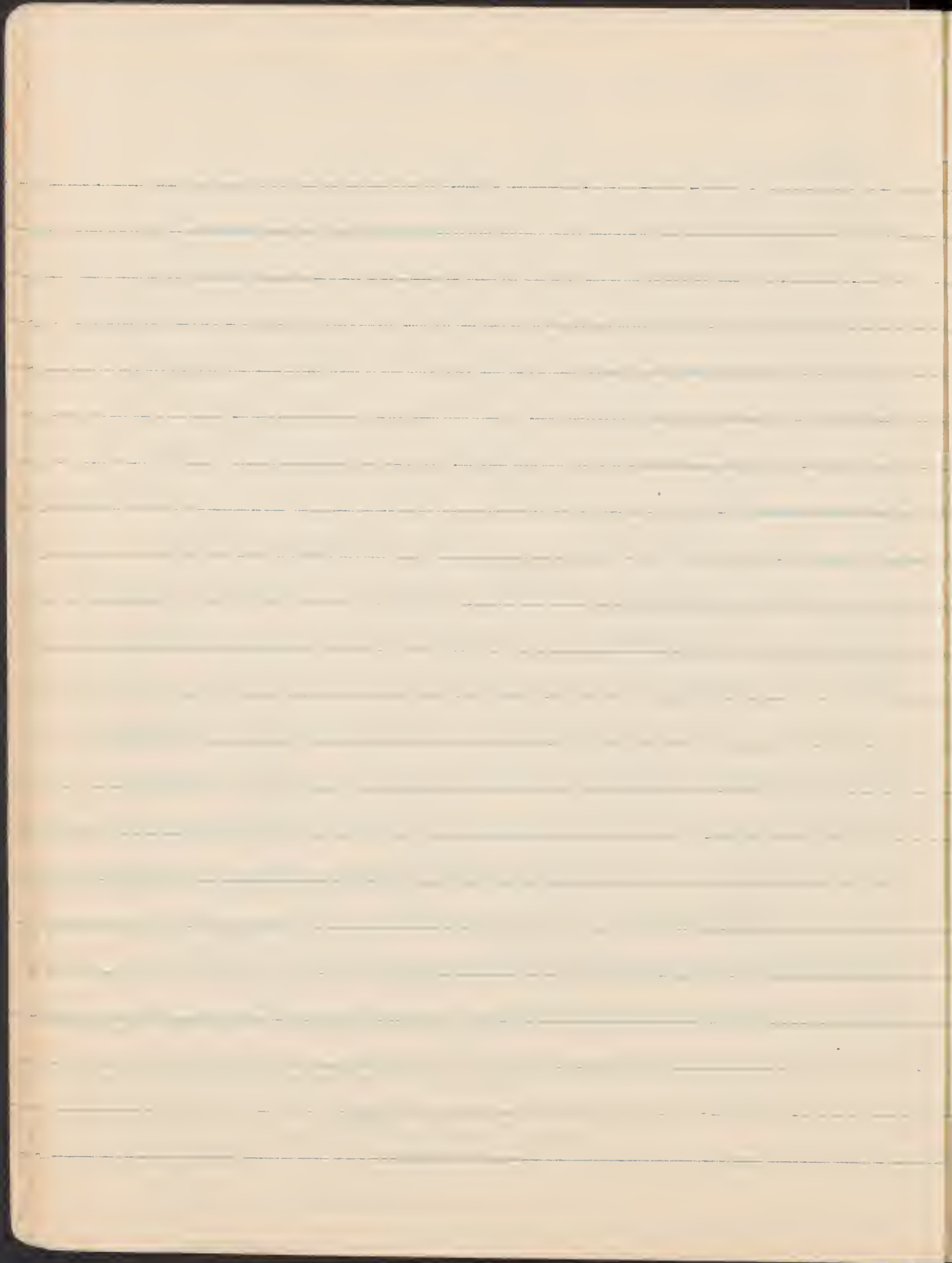
I sent in the morning Sr. Ortiz, an old cauchero to the headwaters of the Rio Cauchos with Tolano & a peasant, with orders to make estimates as to the number of trees per hectare. This, he says, is cauche blanco & an area which he formerly worked. They are to join us tomorrow at the camp at the Villalobos.

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

Rain all night.

Camp on banks of  
Jan. 9 Saturday Rio Carachos.

Heavy rains all day. Remained in  
Camp during morning hours to give the  
carriers a much needed rest & to await  
party of Ortiz, etc. Rains swelling badly.  
Sent several peasants ahead to cut path to  
Villalobos & build a large camp for a 3  
day stay there. Returned after making  
the path at about 12, not having made  
the camp because of the torrential  
rains. Ortiz, Solano & Juan 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 Villa col from other camp  
at confluence of Villalobos & Guayabo,  
probably because of rain, too.



Handwritten notes at the top of the page, including the name 'C. J. ...' and 'Rio Valley ...'.

First paragraph of handwritten text, starting with 'I went to ...' and describing an event or location.

Second paragraph of handwritten text, starting with 'In the ...' and continuing the narrative or description.

Return.

Some birds that are common in the  
country are the Kingbird, the Yellow Warbler  
(the other kind) and the Yellow Warbler  
because they are common in the country  
and are of the same color, but they are the  
same color. They have the same color  
all over, except the feet, which are  
at least the feet to a certain extent.

Burns



Monday, July 1, 1907  
1-3

July 1, 1907

I have not seen the report of the  
 committee on the subject of the  
 proposed amendment to the  
 constitution which would give  
 the President the power to  
 suspend the writ of *habeas corpus*  
 in the case of rebellion or  
 invasion. I think the committee  
 should have reported on this  
 subject long ago. It is a  
 very important question and  
 one which should have been  
 considered by the committee  
 long ago. I think the committee  
 should have reported on this  
 subject long ago. It is a  
 very important question and  
 one which should have been  
 considered by the committee  
 long ago.

Henry K...  
... ..  
... ..  
... ..

Jan 12 Tuesday  
Camp 8:20-11  
[faint handwritten notes]

Went to the ...  
the ...  
They ...  
[faint handwritten notes]

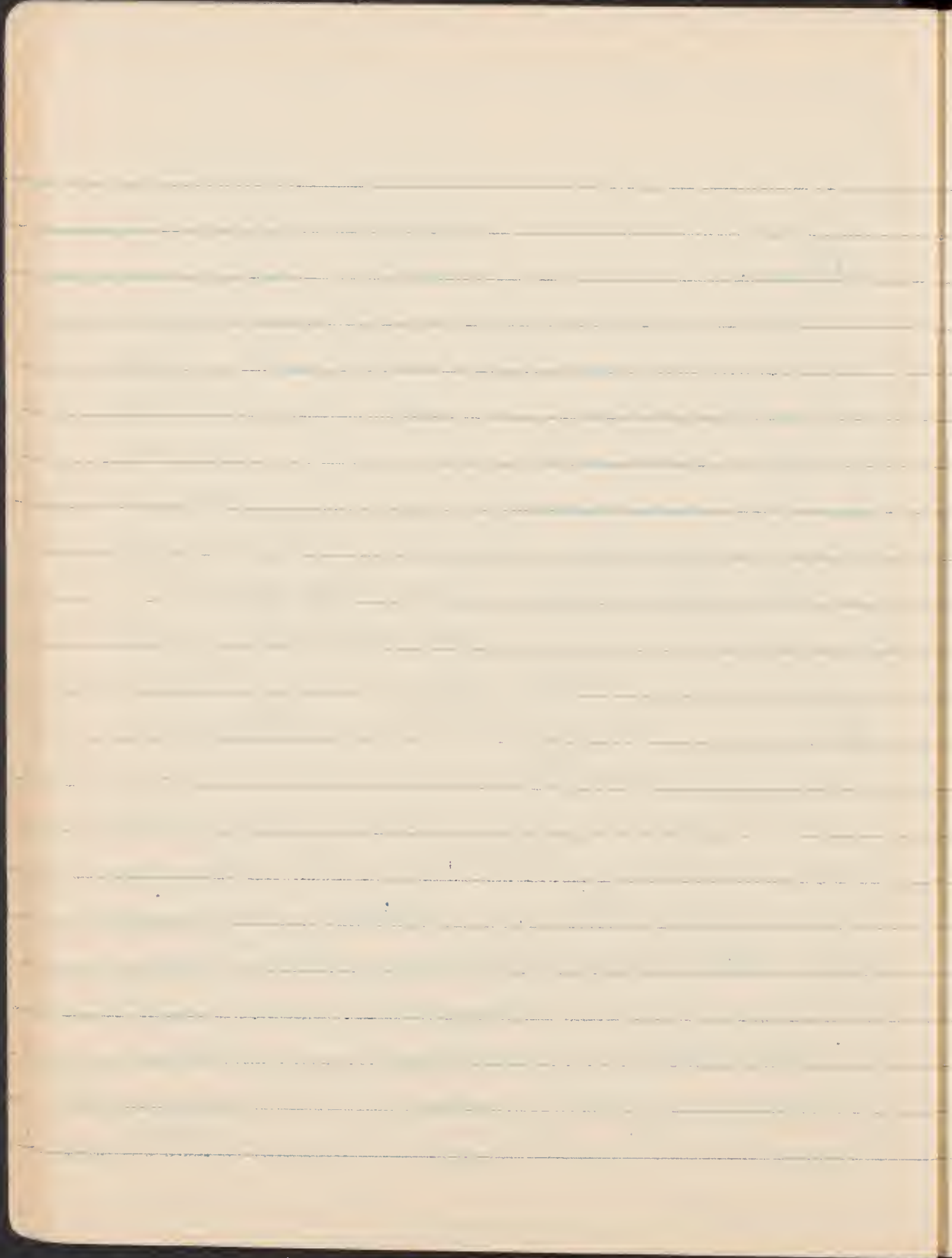
Got out of camp with + ...  
[faint handwritten notes]

Handwritten note: *Handwritten - some 1/2 n.*

Jan 13 Wednesday, Camp to ...

Rain.

Left camp for ... the valley ...

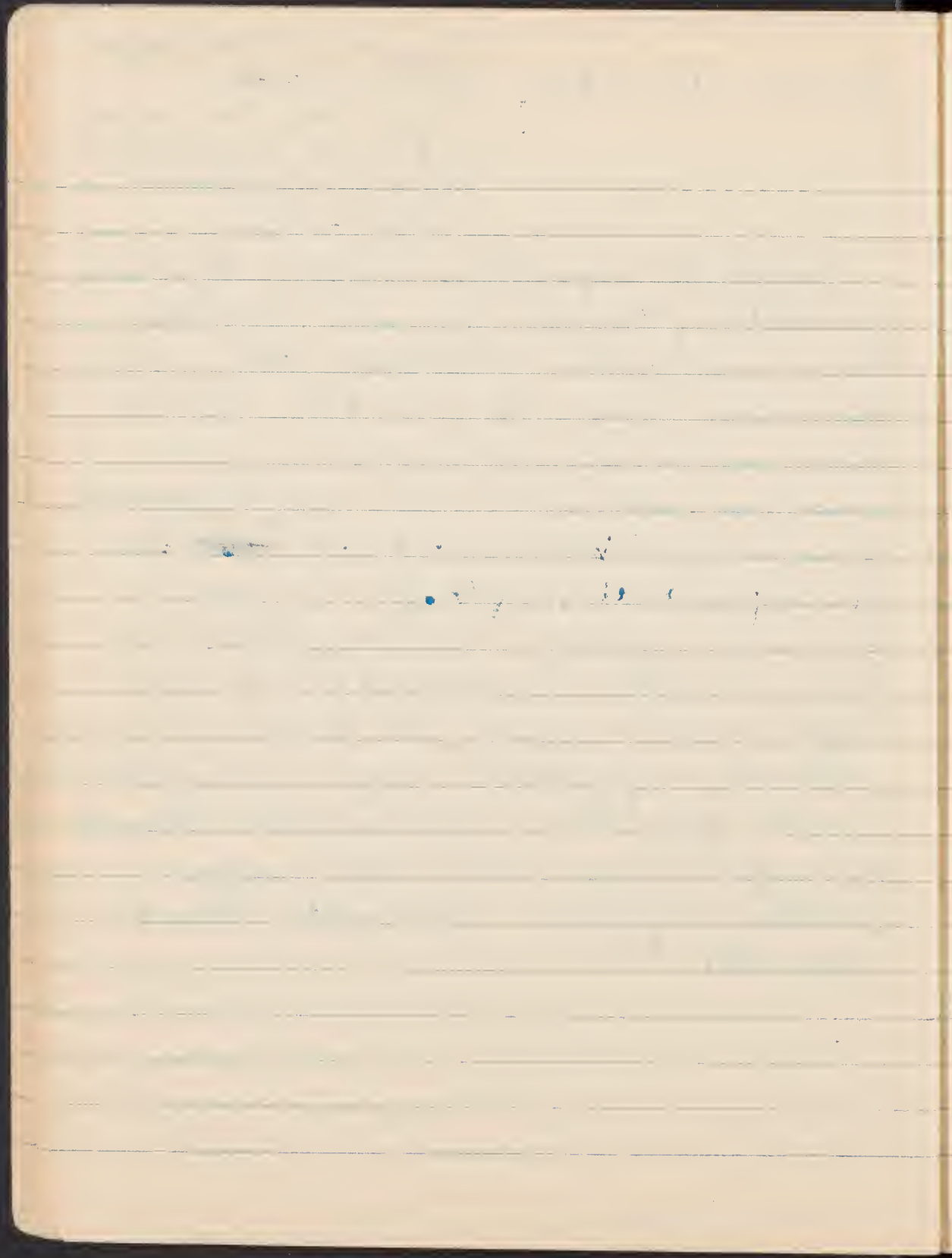


Jan. 14 Thursday

~~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~~<sup>8-10</sup> 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.

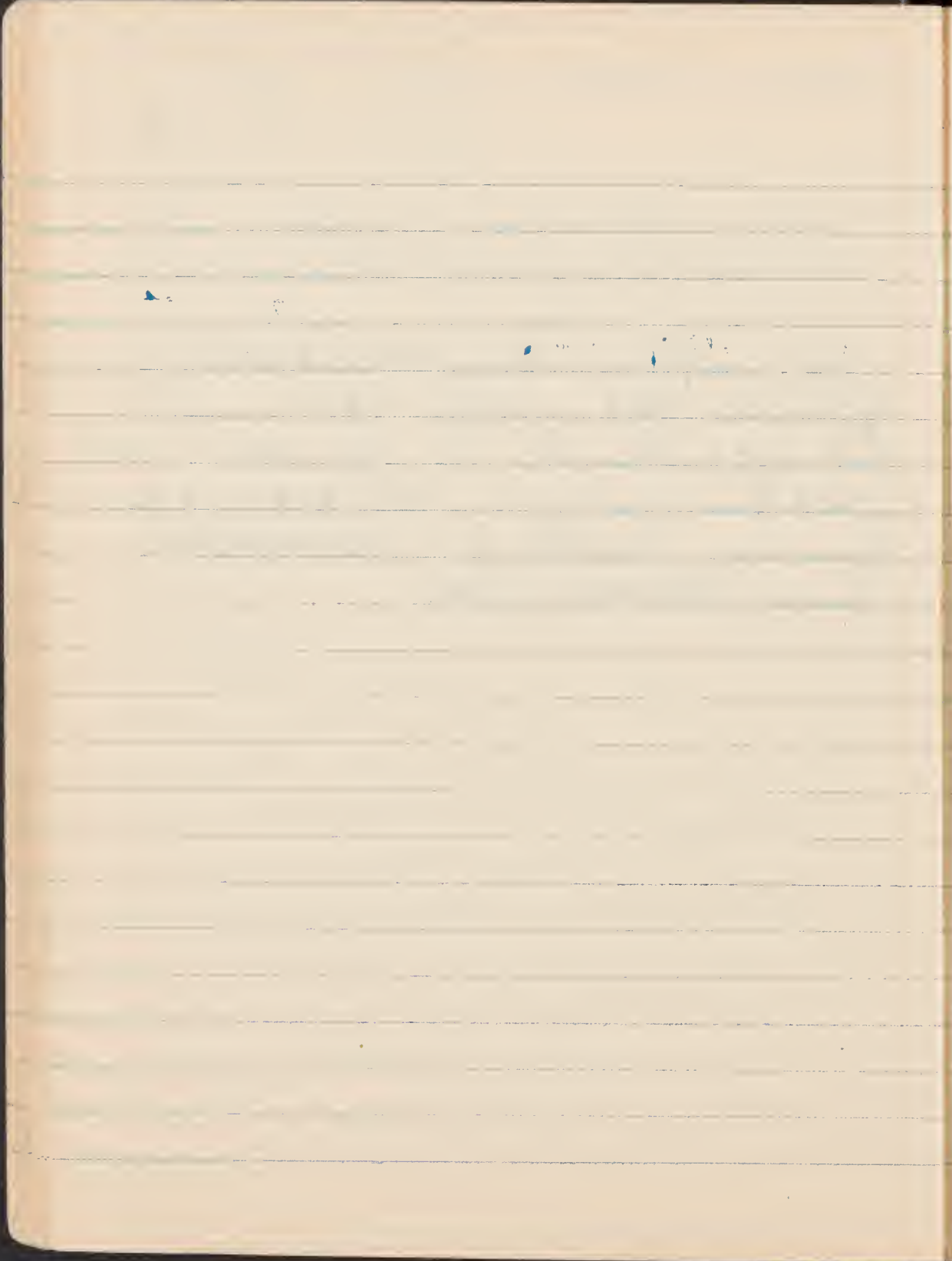




Jan 15 Friday Camp Confluence Guayaabo +  
Villaboa - Pitalito by way  
of Cuello 5:30 - 8:30

1 horse Brusueles - Cuello .50  
2 mules for carga 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 Guayaabo.



Jan 16 Saturday Pitavalto

Spent the day trying to arrange trip to Floren cia, 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 (Villareal)	.56
Letter to Dugand	.20
Letter to Mayer	.10
Letter to Constance	.10
Stationary + envelopes	.15
Beer, coffee, etc. cigarettes	2.50
Stockings (1 pr.)	.30
Washing	.10
Horse Buses - Crolla	.50

100

2

100

100

1

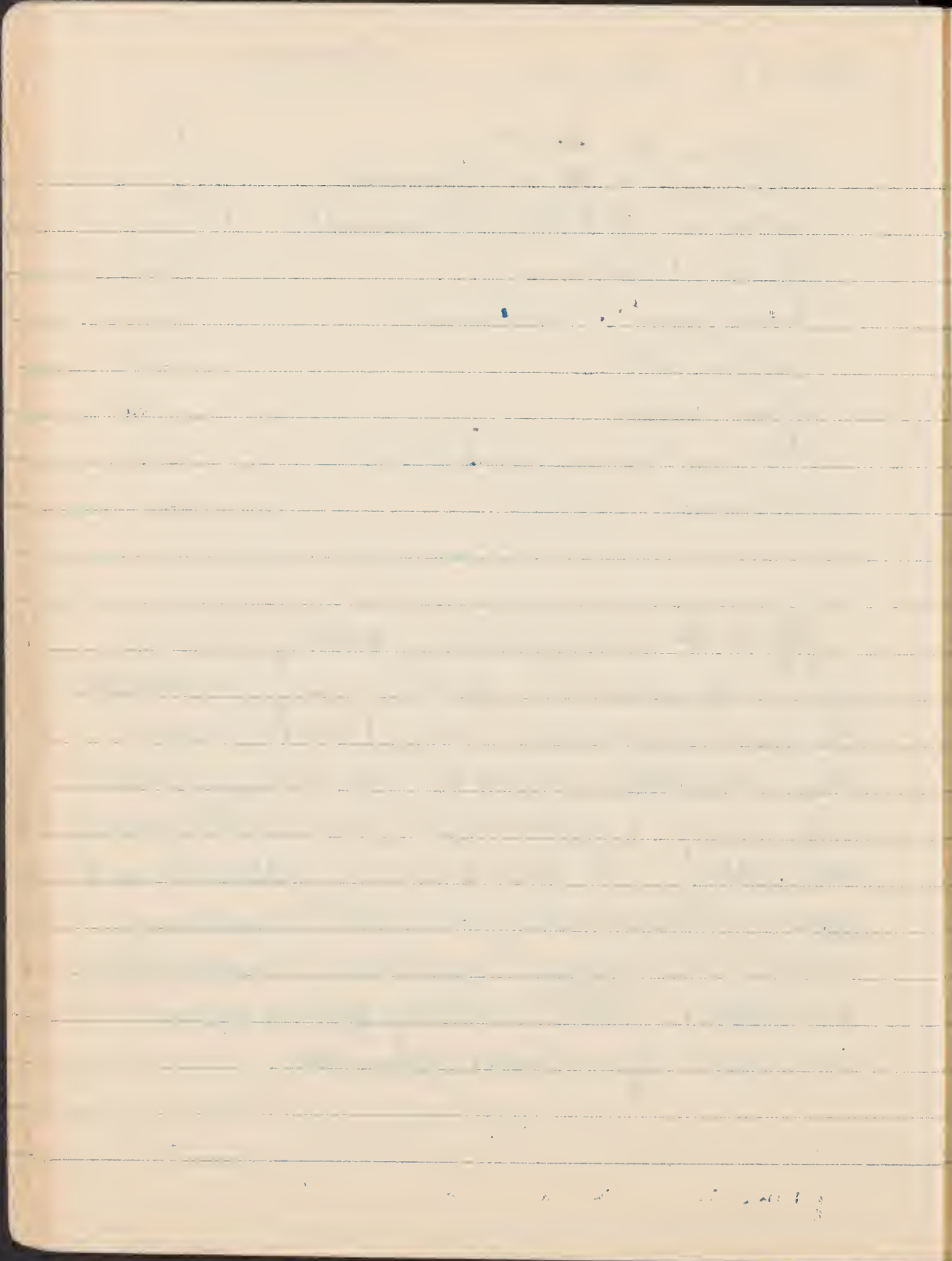
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Jan 17 Sunday Pitulito

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 Pitulito 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 films mil. 82 (official)

Coffee, etc. .30

Talk with Angel Maria Molina on road to Mocoa  
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.)

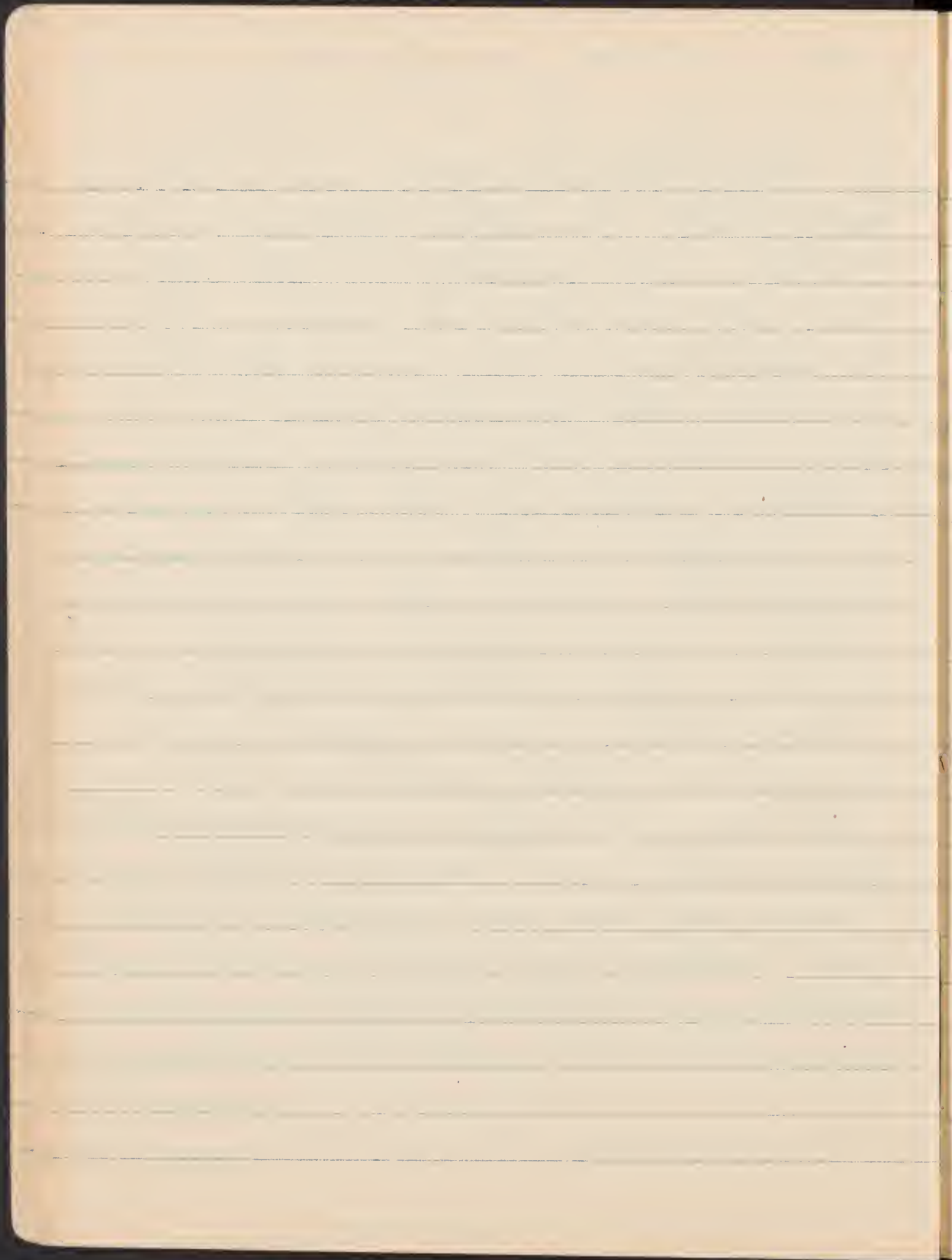
but this exceptional he says. Usually an ~~one~~ ordinary tree would give 5-8 lbs. The cuts were made "1 hand" apart & later after coll. rubber which coagulated after 8 days, new cuts were made in between, <sup>(most an "azulela gubria" 3 dias)</sup> The stump & roots are especially rich & are scaped. ~~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 Romulo knew existence of "caucho blanco" were headwaters of Quebrada Sneyta, 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 ~~no~~ almost none along the stream, & the few it has are only in its upper reaches. "Caucho colorado" found, only in region known as "Cebas" near confluence of Villalobos & Verdejaco, acc. to Romulo. They are trees 1 1/2 ft. in diam. [Is this pink balata?] Quenie 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.



Patent 7:45  
Left at 12:30 arrived at 9:30

Hotel 9-16-18	6.50
Travel	
Meat	.70
Expenses + matches	.30
Travel	.60



Jan 7-11 Wednesday

Flour 2 sacks	.10
Tinno, beer, amulets, etc.	1.20.
Paper 1 sheet	1.00
Baker	.25
Magnifying	.30

Villavieja 3 days

Transporte (donkey trip)	1.00
--------------------------	------

Hotel	2.50
-------	------

peon	1.00
------	------

paper books	2.35
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Local Robin express	2.00
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Tourism - time in Villavieja	.75
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Peon	.10
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Repa	1.00
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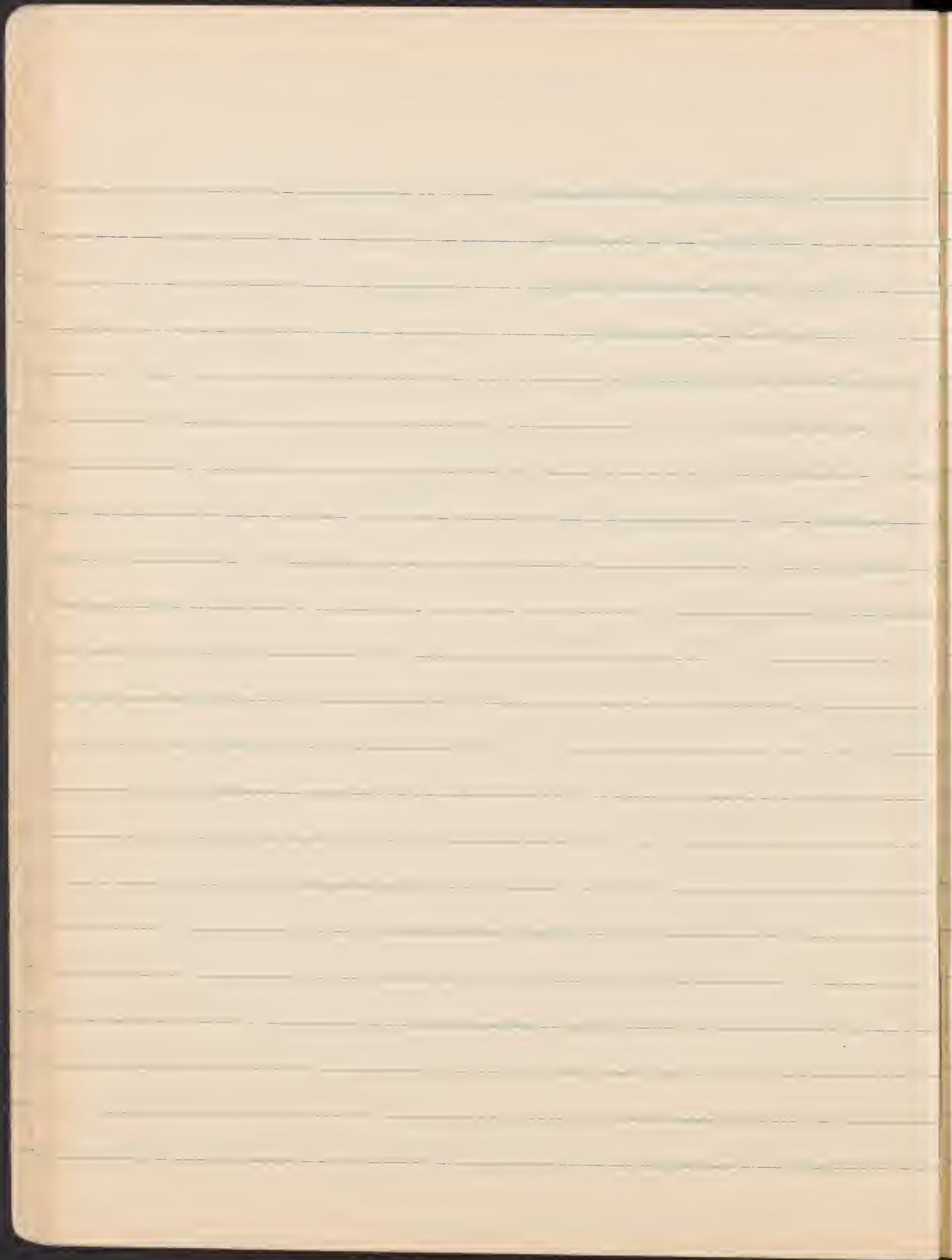
\$ 11.46

Cajonillos Book .40

Net

[

]



Jan 21 Thursday

Exp. Orig. - 1.00

Exp. Orig. - 1.00  
Exp. Orig. - 1.00  
Exp. Orig. - 1.00

Snacks + drink	1.00
Handkerchief	.50
Envelope	.10
Batter	.50
Telephone charges	

1880

[The remainder of the page contains faint, illegible handwriting on lined paper.]

Jan 22

Friday

Flamenco - Petate

5:30 - 2:15

Ticket "Transportes Huila - Caquetá" 2.20.

Hotel (Flamenco Jan 19-21) 6.50

Breakfast .60

Snacks 1.20

1905

Monday, June 12, 1905

Left for the field at 8:00 AM

Arrived at the field at 8:30 AM

Spent the day in the field

Collected several specimens

Returned to the camp at 5:00 PM

Spent the evening at the camp

Wrote up the day's notes

Prepared the specimens for the museum

Spent the night at the camp

Woke up at 6:00 AM

Left for the field at 7:00 AM

Arrived at the field at 7:30 AM

Spent the day in the field

Collected several specimens

Returned to the camp at 5:00 PM

Spent the evening at the camp

Wrote up the day's notes

Prepared the specimens for the museum

Spent the night at the camp

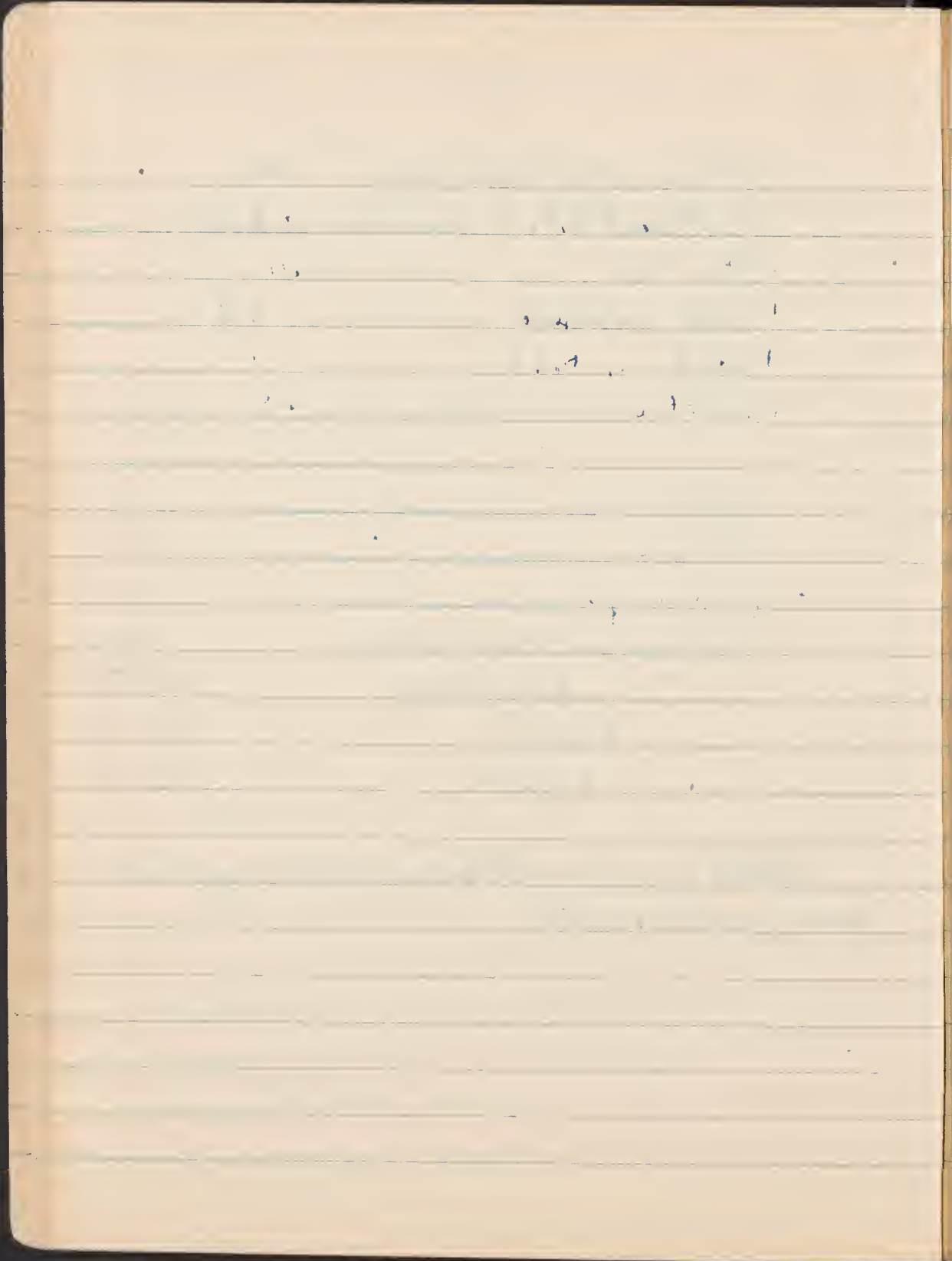
Woke up at 6:00 AM



January 22 Arturo Petalito

Telegram to Fosberg, Newia	.79
Petacas \$25.00 (including packing)	
Shave	.20
Tinto, smokes, etc	1.10
Mail	.06
Hotel Vallaruel Jan 16, 17, 18, 19, 22, 23, 24	14.00
Hotel no 23, 27, 24	6.00
Expenses	.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

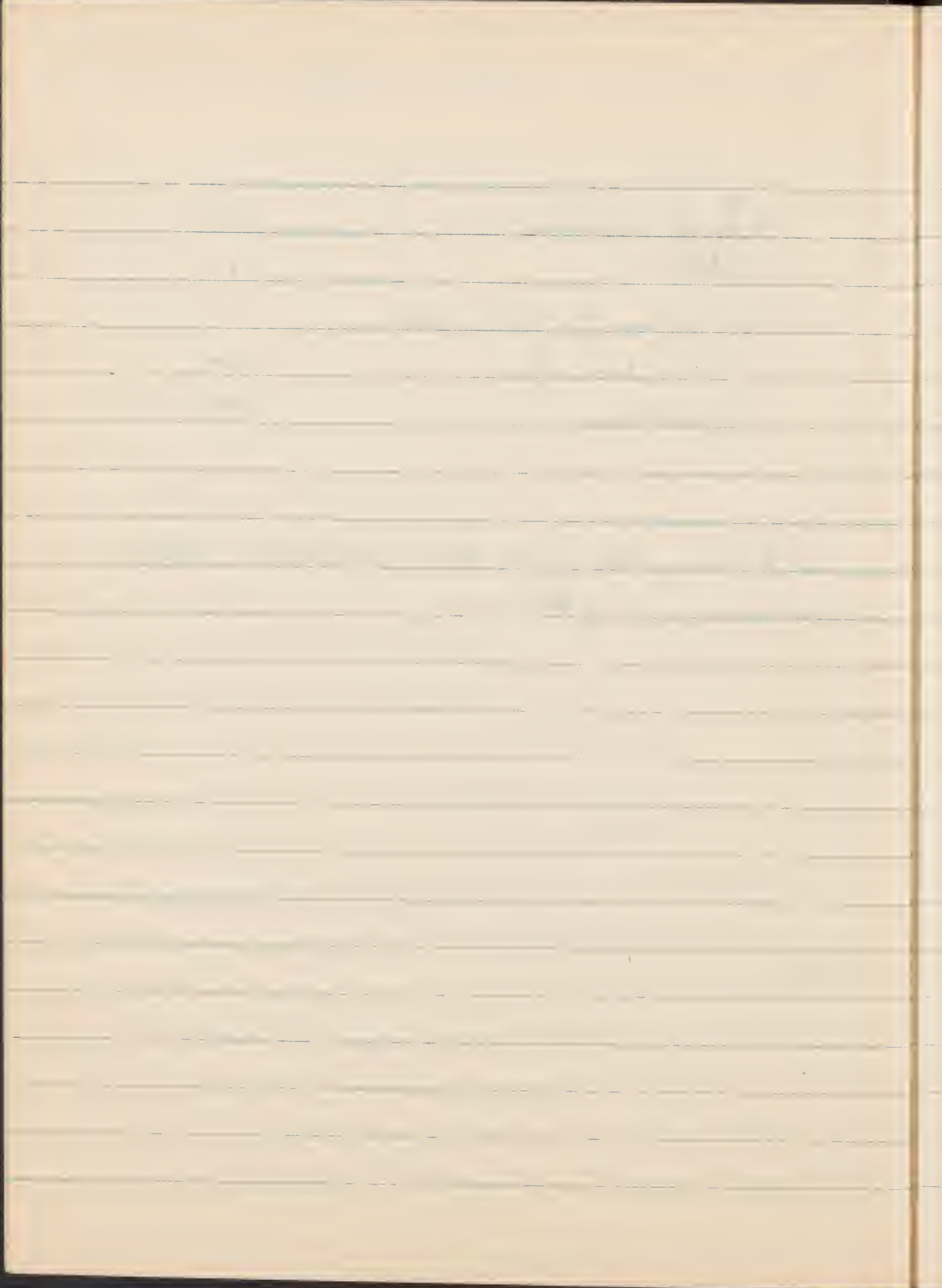
Settled accounts with Solano & Artunduaga and paid peasants & debts.



Jan 24. Sunday Pitahito.

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

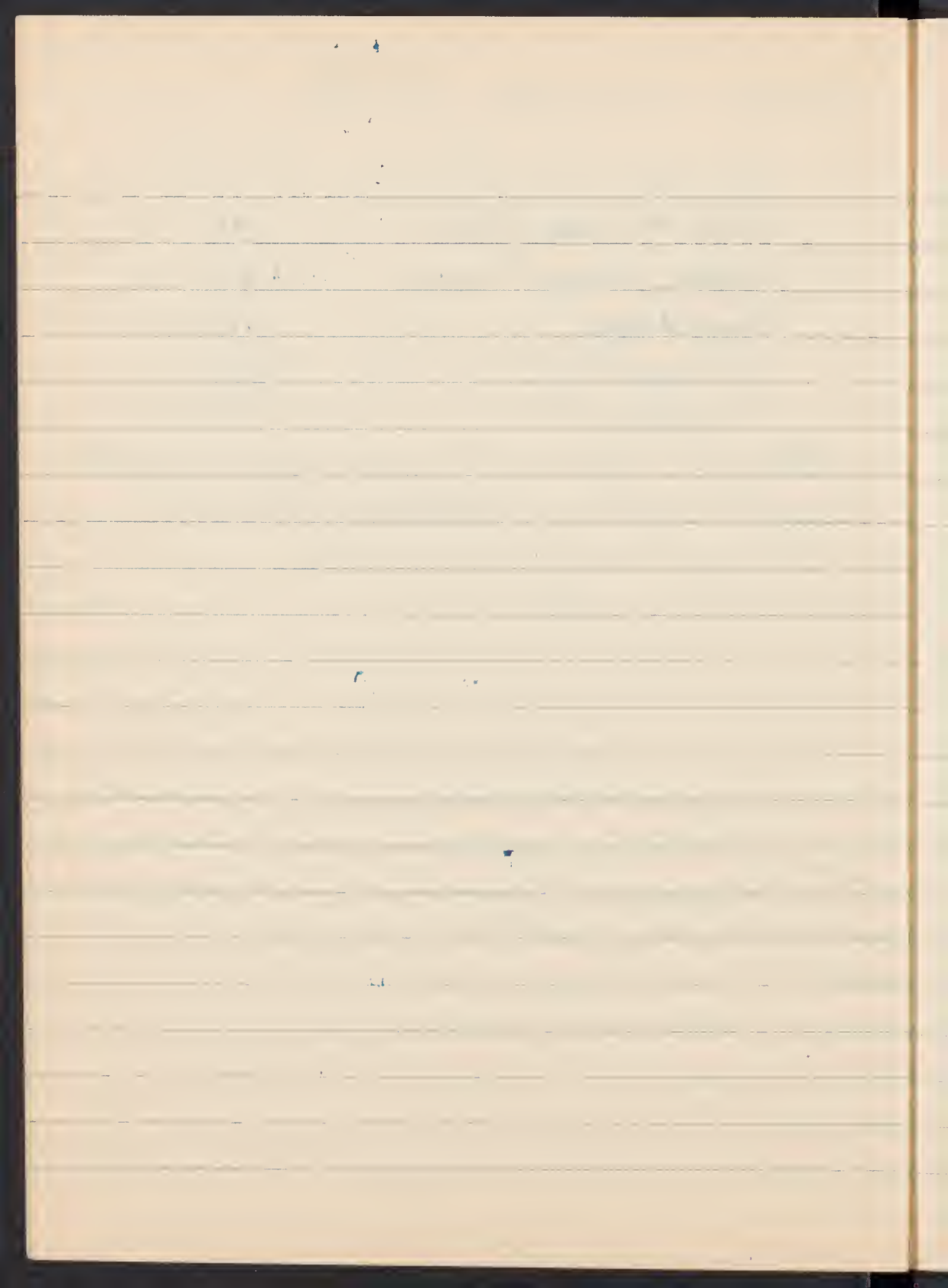
Packing things to return to Bogota. Still awaiting news of Ramon.



Jan 25. Monday Pitalito.

Eggs (Rubber) Reton	12.44
Mail to Mayer Reton	.10
Samples quinine Mayer	1.32
Cough drops	.40
<del>Eggs (Rubber)</del>	3.55
Eggs (Rubber)	8.35

Ordered to proceed to cross from Pitalito  
to enter by way of Pitalito + Guabaco.



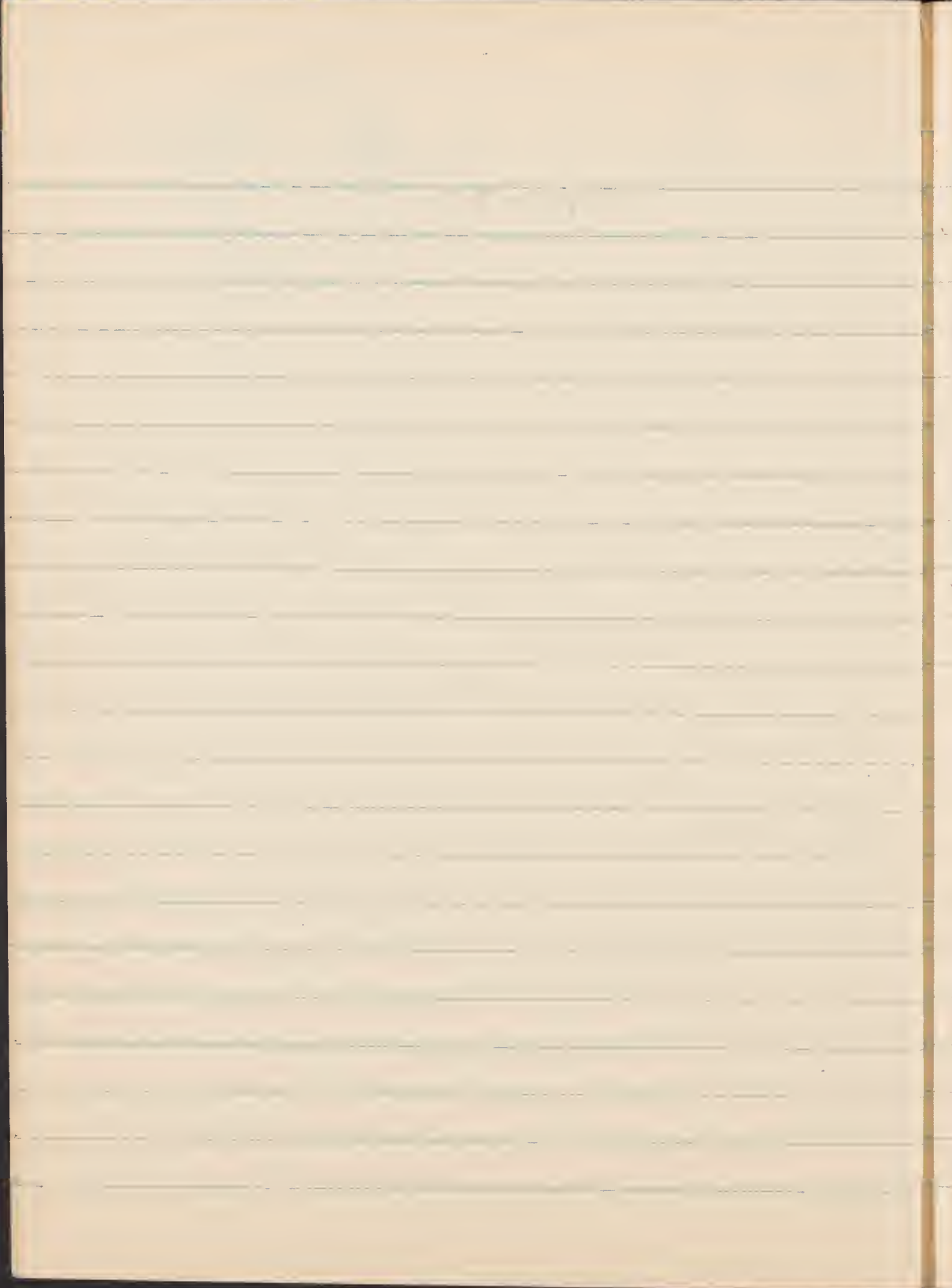
June

P... ..

5:30 - 7:30



75





Jan. 27 New York

Jan 30

Loggins 4 3000 from New York  
Boggs 25 Feb. 13.35  
per Vallentyne

1.10.5



Petalita, Cimarron 1942  
3.7 miles N. of Cimarron

5100 *Erythronium* ...  
... ..  
... ..

5101 *Piper* ...  
... ..

5102 *Piper* ...  
... ..

5103 *Habenaria* ...  
... ..

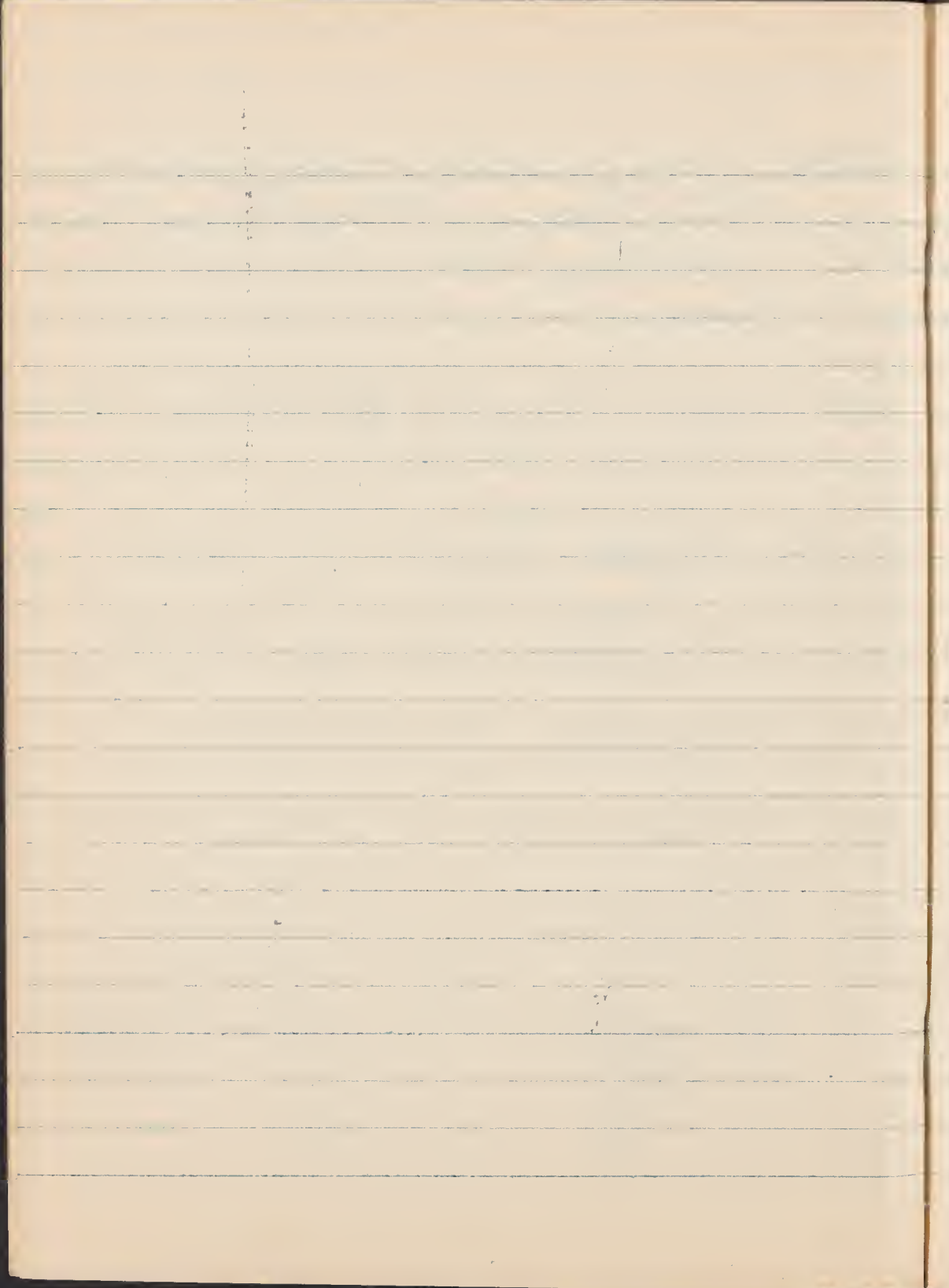
5104 *Fragaria* ...  
... ..

5105 *Malva* ...  
... ..

5106 *Pink* ...  
... ..

5107 *Boerhaavia* ...  
... ..

5108 *Erythronium* ...  
... ..



- 5109 Coffea arabica
- 5110 Eupatorium, Fl. violet.
- 5111 Shrub, small tree. Fl. purple. Fr. yellow.
- 5112 Shrub, Flower blue.
- 113 Herb, Fl. blue-purple.
- 5114 Herb, fl. yellow.
- 5115 Rhizophora, Fl. purple-white. Vine.
- 716 Sporocarpium, Vine. Fl. purple.
- 717 Miconia, Shrub. Fl. white-pink.
- 5118 Lantana, Fl. violet.
- 119 Cordia, Fl. purple. Woody herb.
- 120 Compositae, white fl. shrub.
- 121 Herb, Fl. purple-pink.
- 122 Verbena, Fl. white. Tall herb.
- 123 Trichocereus, Fl. blue.
- 124 Cypripedium, fl. blue-purple.

5128 C. tolimensis Custr. det Custr.

5132A Rio Valleaboa, Quebrada Guayabo  
alt. 1400-1450-4. Jan

Pitalito, Quezaltenango 4500 m. Dec. 20.  
(C. & M. V. ...)

5125 ... Fl. purple-pink

5126 ... Fl. white

5127 ... Herb fl. purple

5128 ... Small tree ...  
fruits

5129 Ficus Very large tree, more than 30 m.  
popayanensis Standl. White latex.

5130 ... Fl. white

5131 ... Fl. white

5132 Ficus Large tree, <sup>50 ft</sup> white latex  
Similar to 5129 Cancho papavito

5133 ... Fl. white

5134 ... Fl. orange-red

5135 ... Bark fl. white (comp)  
... yellow

5136 ... Tree small fl. white, fragrant

5137 ... Fl. yellow

5144A *Pi Vellebora* *Cryptostegia*  
*Quebrada Guayto* *grandiflora*  
alt 1400-1450 m.  
3-13, Jan



- 5138 Richardsia fl. white.
- 139 Lobelia Petals white, anthers yellow. Bark
- 5140 Coussipia Bark large fragments, white
- 141 Coussipia fl. purple. Herb
- 142 Andean fl. yellow. Herb (V. ...)
- 143 S. ... fl. ...

Area of the Villalobos Jan 3 - 13, 1943

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

5145 "Canchillo blanco" Saprim Photo A  
thin yellow latex which does not coagulate. Gray-red bark, smooth. Tree 80 ft. 1 1/2 ft. girth.

5146 Vine. fl. rose purple  
1500 - 2000 m

loc. data correct exactly as label

Valley of Rio Cidras, plants of *Las Cobas* southwest  
of Petalero. 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 Villalba confluence C. Grande Quays.
- 5153 Large bush. Paper. Fragrant.
- 5154 Begonia
- 5155 Small bush 1 m.
- 5156 Fuchsia ? Bush.
- 5157 Sm. Bush.
- 5158 Epidentium Fl. salmon. Ep.
- 5159 Clusia Large tree. "Estoragui"

11/17/1914

5160 *Lory vici*. Forest shade, "Orsita  
perro" Very spiny. Between Rio Cauchon  
+ Caubral Hedonida along Rio Villa-  
tocha Interways. Fl. purple light.  
Fruit egg-shaped firm 3" diam.

5161 *Ep. Tubaudia* Fl. white Rio  
Villalobos Confl. Rio Cauchon

5162 *Peperomea* 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. Sm. bush. along river

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

*S. narcissifragrans* TYPUS

5169 *Saurauia* Ped. red. Along Villalobos  
Fl. white. Fr. Above Saqita  
Arbusto. 2 - 2 1/2 m. 1 m. high.  
~~*Saurauia Villalobii*~~

5172 C. telealbida Cuvr. det Cuvr.

5170 Sm bush, 1m. Fl. yellow.

5171 Symplo. Fl. red. Herb. 1m.

5172 Cecropia. Under side of leaves, white. Tall tree. 80 ft tall. Fr. red. extract of fruits antifebr. also ~~antimalaric~~ <sup>antimalaric</sup>.

5173 Bush Fl. red. Fr. ~~chisea?~~

5174 "Balca" Tall tree 2 ft girth. Sept. 1908. Rio Guaya.

5175 Bush Same loc. Comp.

5176 "Cabegeras" Southeast of Pitalito. ~~Ficus~~ <sup>Ficus</sup> flavae var. Tree with lenticular green foliage, short, stout (1 1/2 ft diam trunk) smooth brown bark. White latex but sparse. "Panchillo". Not common. Never gets to be large tree more than 4 ft. tall. ~~leaves are far from being~~ <sup>leaves are far from being</sup> ~~photosynthetic~~

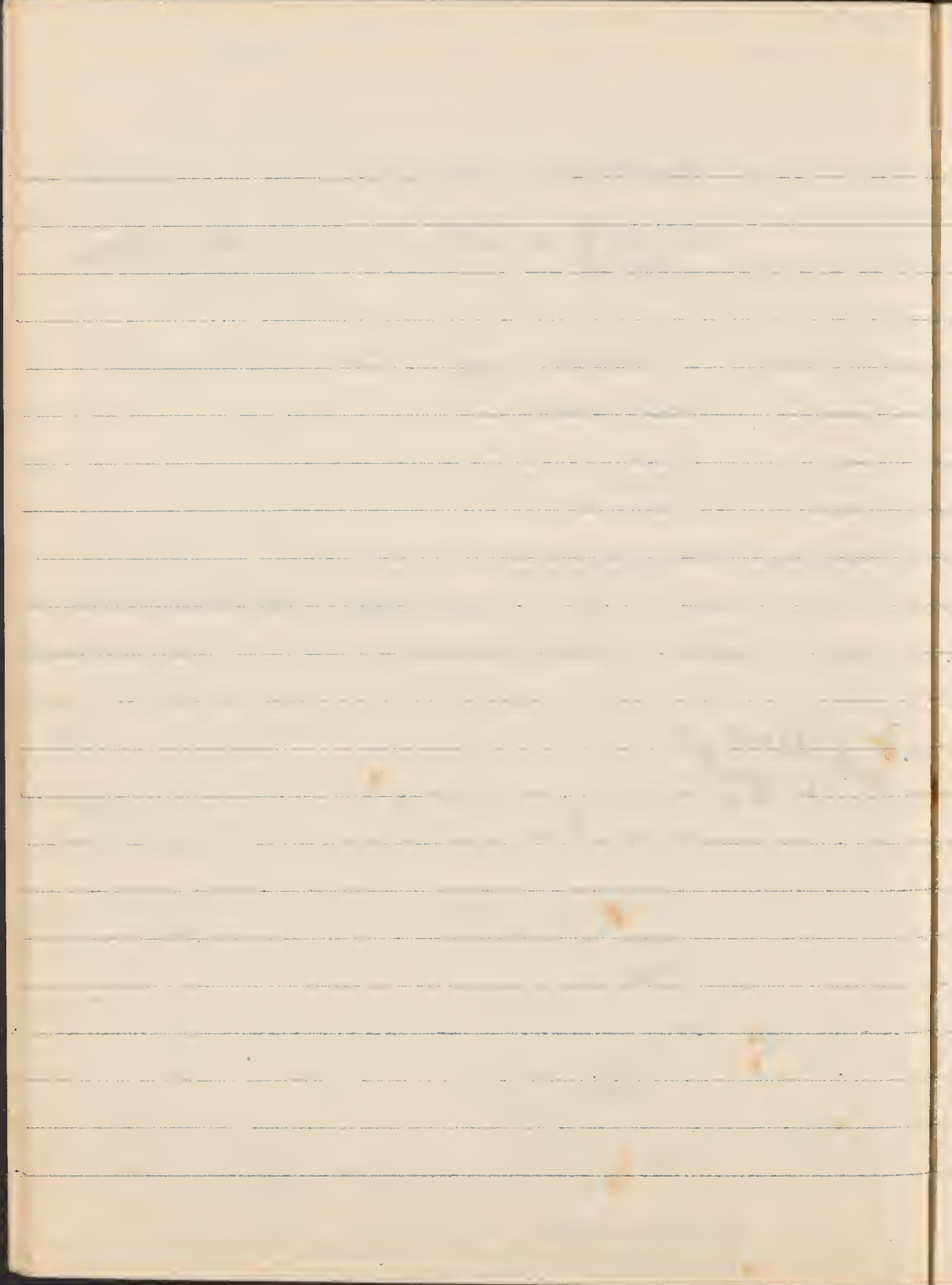
*Ficus Sahitensis*  
Duyard

5177 ~~Ficus~~ <sup>Ficus</sup> (different ones) Ficus "El Cedro" Quebrada El Cedro, southeast of Pitalito.

5178 ~~Tilia?~~ <sup>Tilia?</sup> Quebrada Guayabo 4-6m. Tree.

5179 Herb. Fl. red. Quebrada Guayabo.

5180 Melast. tree. Quebrada Guayabo.





- 5181 Cassia? / Fl. yellow 2. Guayabo  
Tree.
- 5182 Cavendishia? Fl. red. 2. Guayabo
- 5183 Clusia Sm. tree Fl. pale pink-white.  
Guayabo.
- 5184 Melast. tree. Fl. purple-red. Very  
common. Guayabo.
- 5185 Tree fern Guayabo. Leaf 6 ft long.  
Hr. 3 m. Guayabo
- 5186 Tree fern 3m. leaf 1 1/2 m
- 5187 Piper. Sm herb Guayabo. Fragrant.
- 5188 Phaseolus. Fl. white Guayabo.
- 5189 "Cauchillo Colorado" 8 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 Guayabo  
fl. purple.
- 5192 Hb. fl. white. Guayabo

5265

C. telealbida Cuatr. det Cuatr.

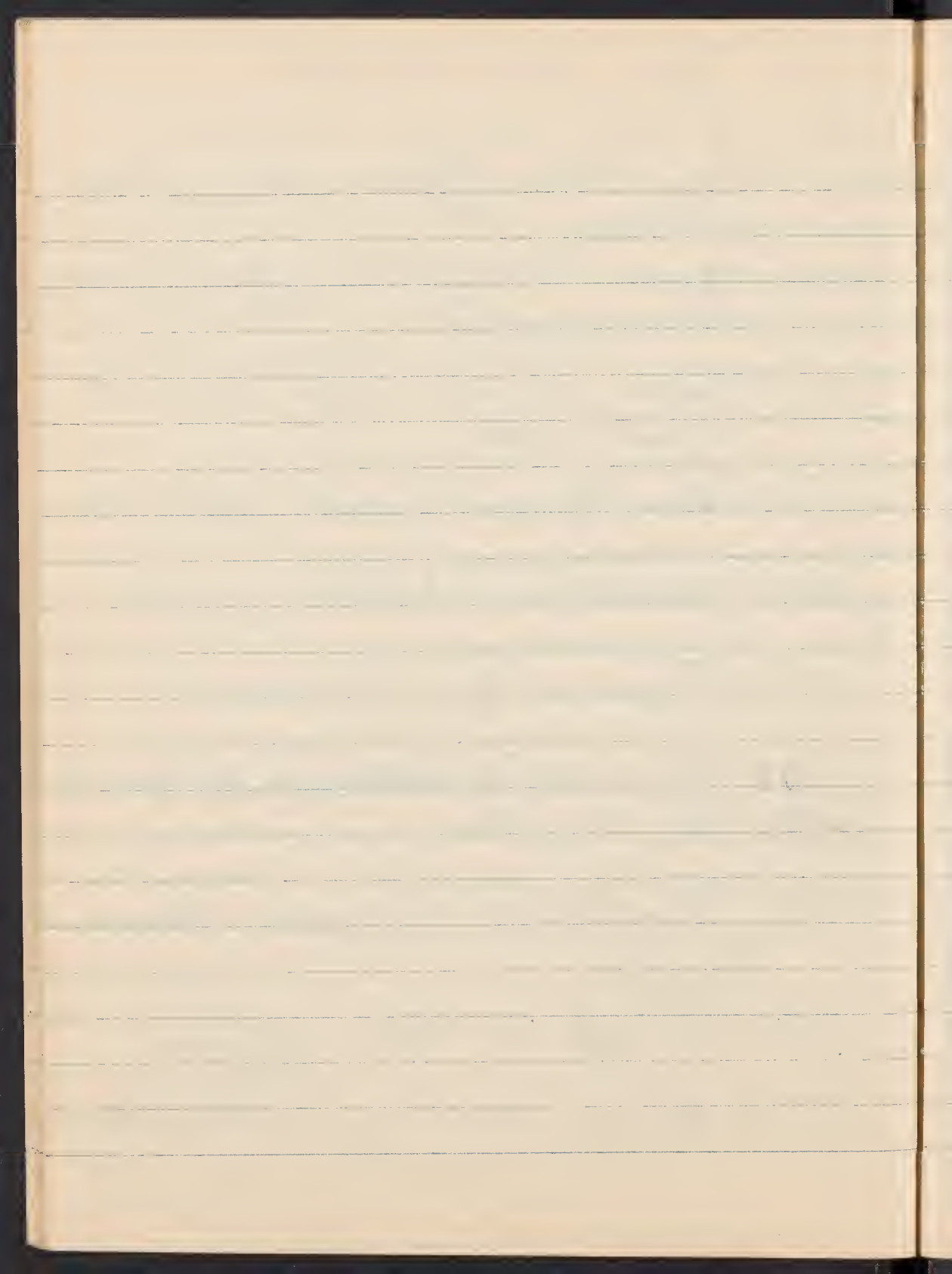
- 5193 *Palicourea* Bush. Fl. blancas  
1 1/2 - 2 m. Guayabo.
- 5194 Bush. Comp. Guayabo. Senecio?
- 5195 *Befuico*. fl. amarillos. Guayabo.
- 5196 *Gesneriaceae* fl. red. hb. Guayabo.
- 5197 Hb. Fl. whitish. Guayabo.
- 5198 *Senecio?* Hb.
- 5199 *Saurauia* <sup>*putumayensis* Schult. et G.B.</sup>  
~~*putumayensis*~~? Sm tree on  
edge of Rio Villalobos + Conchos Tropics.  
Fl. white. Small.
- 5200 *Mitrandia*. Sp. Guayabo Fl. white.  
Pr. red.
- 5201 Lichens + moss. <sup>Flowers purple Comp. et</sup>  
<sup>of Senecio</sup> Guayabo.
- 5202 *Befuico* Gesn. 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  
"Alto 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

Valley of Rio Cebro, ~~plains~~ of "Las Cabeceiras" southwest  
of Pitalito alt. 1300 m.

- 5207 *Besleria* Fl. red. Leaves reddish beneath. Dark forest Guayabo.
- 5208 *Ficus* Fr. Bruselas, near Cirolo. Small tree 30 ft, 2 ft. diam. Dark green foliage. "Cuchillo" Sparse white latex.  
~~*Ficus*~~ *Schubertii* *Dugand*
- 5209 *Clusia* Llanos de Cabeceras, cerca de Cirolo. Large tree. "Cope"
- 5210 Orchid sp. Fl. Alto de Guayabos. Fl. brown. Racemes very long.
- 5211 *Marantia*. Fr. yellow. Large hb. "El Cedro Fúica"
- 5212 *Datura arborea*. Shrub in forest "Alto de Guayabo" Fl. white.
- 5213 *Eucocceia*. Fl. red, hairy. <sup>Alto de</sup> 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. caquetana Cuit.

- 5218 Piper Bush 2 Guayabo
- 5219 Ep. orchid. Unicats Fl. fragrance  
lemon. Colour of <sup>new</sup> 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  
for 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

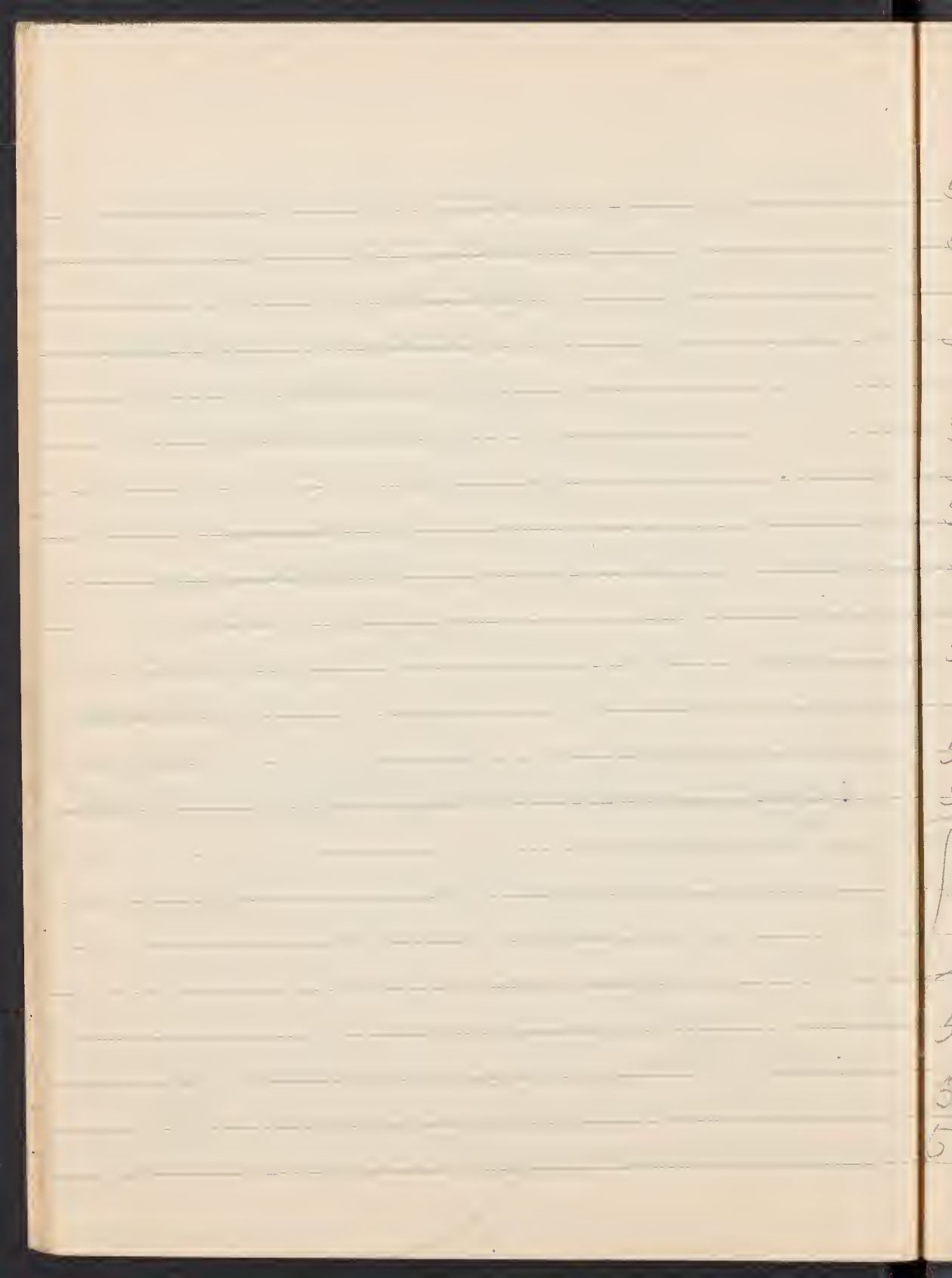




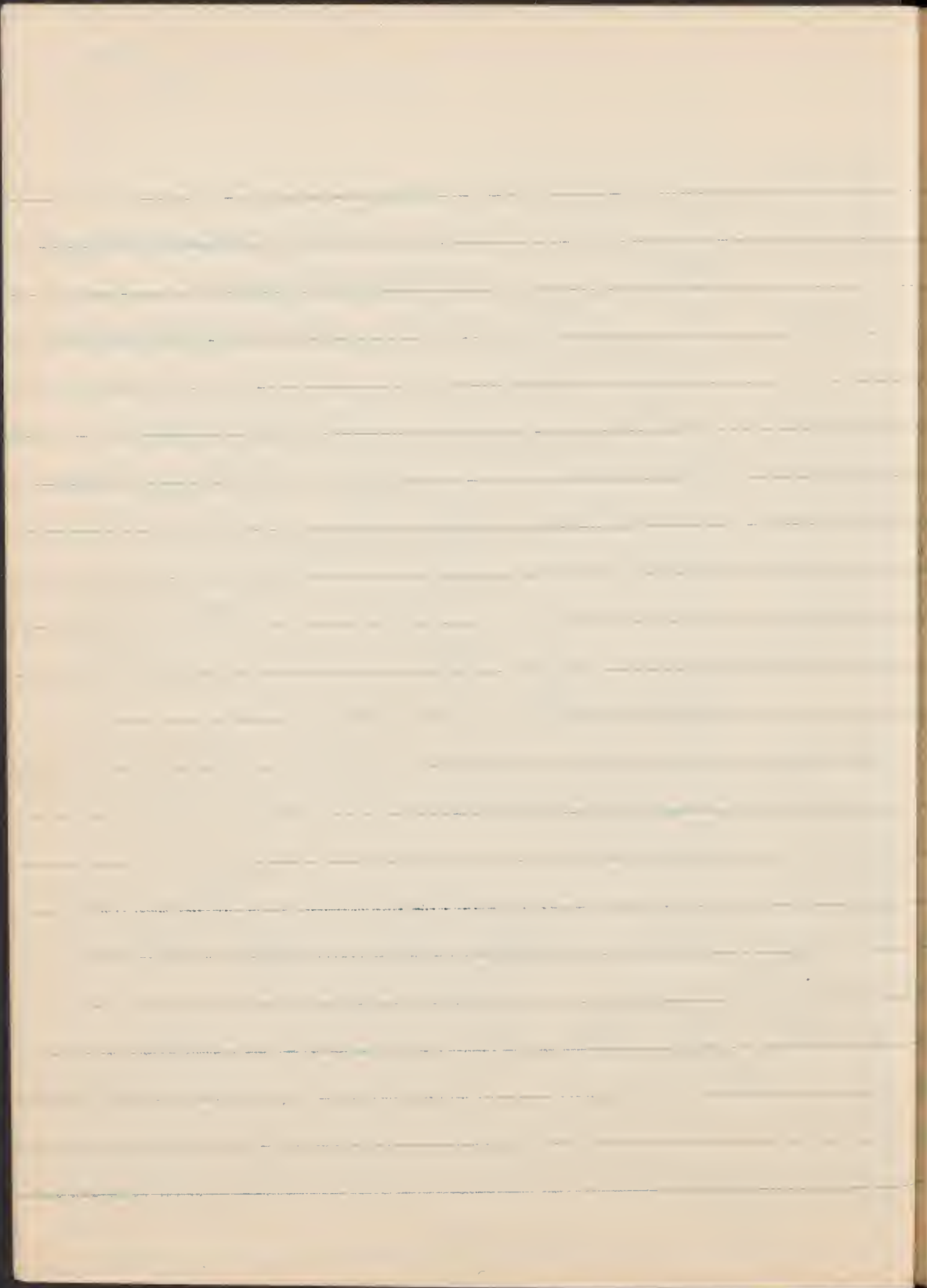
- 5229 Tree. Fl. yellow. Alto Guayabo.
- 5230 Melast. bush. Alto Guayabo.
- 5231 Small bush Rubiac. Fl. red. Alto Guayabo. 2m.
- 5232 Bush. Fl. bright red. Alto Guayabo.
- 5233 Clusia "estoraque" Tall tree "Cajé"  
Sterile. 2. Guayabo.
- 5234 Melast. tree. Fl. purple. Villalobos  
+ Cauchos.
- 5235 Bush. 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 1m. or more 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. Cagnatensis Costa del Costa 7.5 ..

- 5243 Epiphyllum. Fl. green white,  
Rio Cedro.
- 5244 Gesn. Forest Rio Cedro Fl.  
orange yellow.
- 5245 Piper. Rio Cedro. Bush 2m.
- 5246 Capparis? Fl. red. Hb. Rio Cedro.
- 5247 Bouarea leaves scalelike. Fl. pink  
outside, yellow green with black spots  
rather, grayish.
- 
- 5248 Piper Bush Villalobos
- 5249 Fern
- 5250 Moleat, bush, 2-3m. high
- 5251 Small tree, large bush. Rub. Fl. white
- 5252 Tree fern. Villalobos & Causho
- ~~5225~~ 5225 Weinmannia. Near Villalobos &  
Causho
- 5254 Tubandia Fl. white, bracts red  
Villalobos & Causho
- 5255 Hedyscymum gracile Griseb.  
alt. Sm. tree.
- 5257 Shrub Comp. Villalobos & Causho
- 5256 Small tree Rub. Fl. white. alt.  
grayish
- 5258 Small Comp. shrub, V. & Causho



- 5259 *Carubouca*. Leaves, 4 ft. long.  
1 1/2 m. long. Villalobos + Cauchos
- 5260 Small bush, 1 m.
- 5261 Small tree 3-4 m. Fl. white, hairy.  
*Rubraea*. V. + Cauchos
- 5262 Small Rub. tree. Fl. white. Cauchos,  
+ Villalobos.
- 5263 Sh. of fungi. V. + Cauchos.
- 5264 Fresh Fl. red. Bush. V. + Cauchos
- 5265 Small bush. Fl. red. V. + Cauchos.
- 5266 *Thibaudia* Sp. 2. Herb. in
- 5267 Forest herb. Fl. yellow. 2. Herb. in
- 5268 Orchid, Sp. Fl. white, variegated.  
Villalobos + Cauchos.
- 5269 Zingiberaceae. V. + Cauchos
- 5270 Sa. forest tree. Fl. red. V. + Cauchos.
- 5271 Vine. Fruit yellow. Fl. small,  
purplish with white dots. Alto de  
Guayabo. Attention!
- 5272 Sa. herb. Fl. purplish white.
- 5273 *Thibaudia* Villalobos + Cauchos.
- 5274 Sp. herb. Fl. in leaf white, yellow  
white V. + Cauchos.



**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

Prof. Sylvester  
Bridgman

---

Langston  
White House  
Washington

---



to tub ha-shushi  
Red-barrachero

---

---

Blue Salvia  
mangipaki

---

---

Small Cuphea  
flor de sapo

---

---

Rumex  
Kana  
lengua de vaca

---

---

Wormwood  
gen. ashé

Rumex

lengua de vaca

---

---

Wm. B. Wood  
"Lengua"  
no. 1000

PLANTAE COLOMBIANAE

DEPARTAMENTO DEL HUILA

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

No.

Coll.

{ RICHARD EVANS SCHULTES }  
{ M. VILLARREAL }

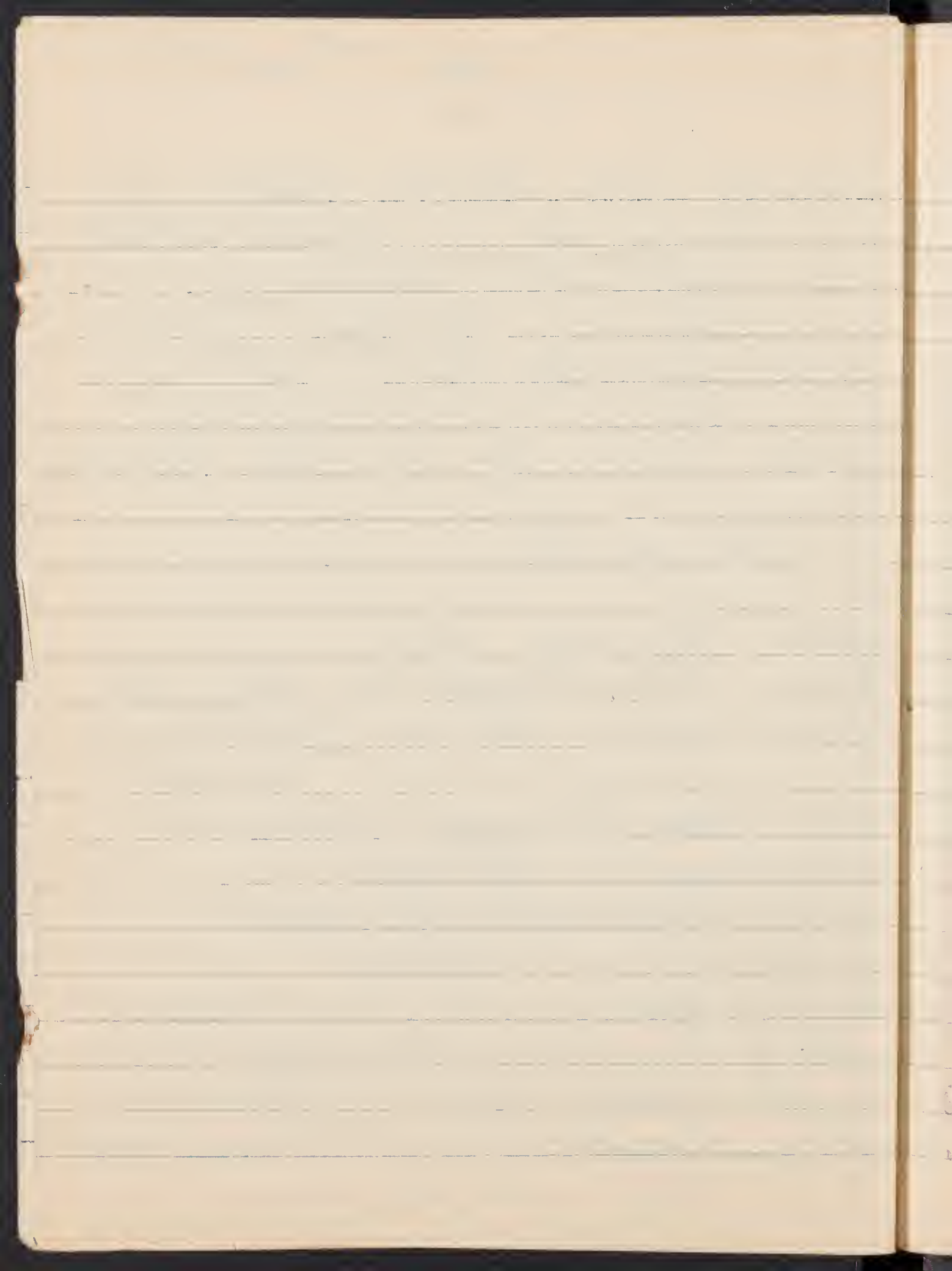
December 30, 1942



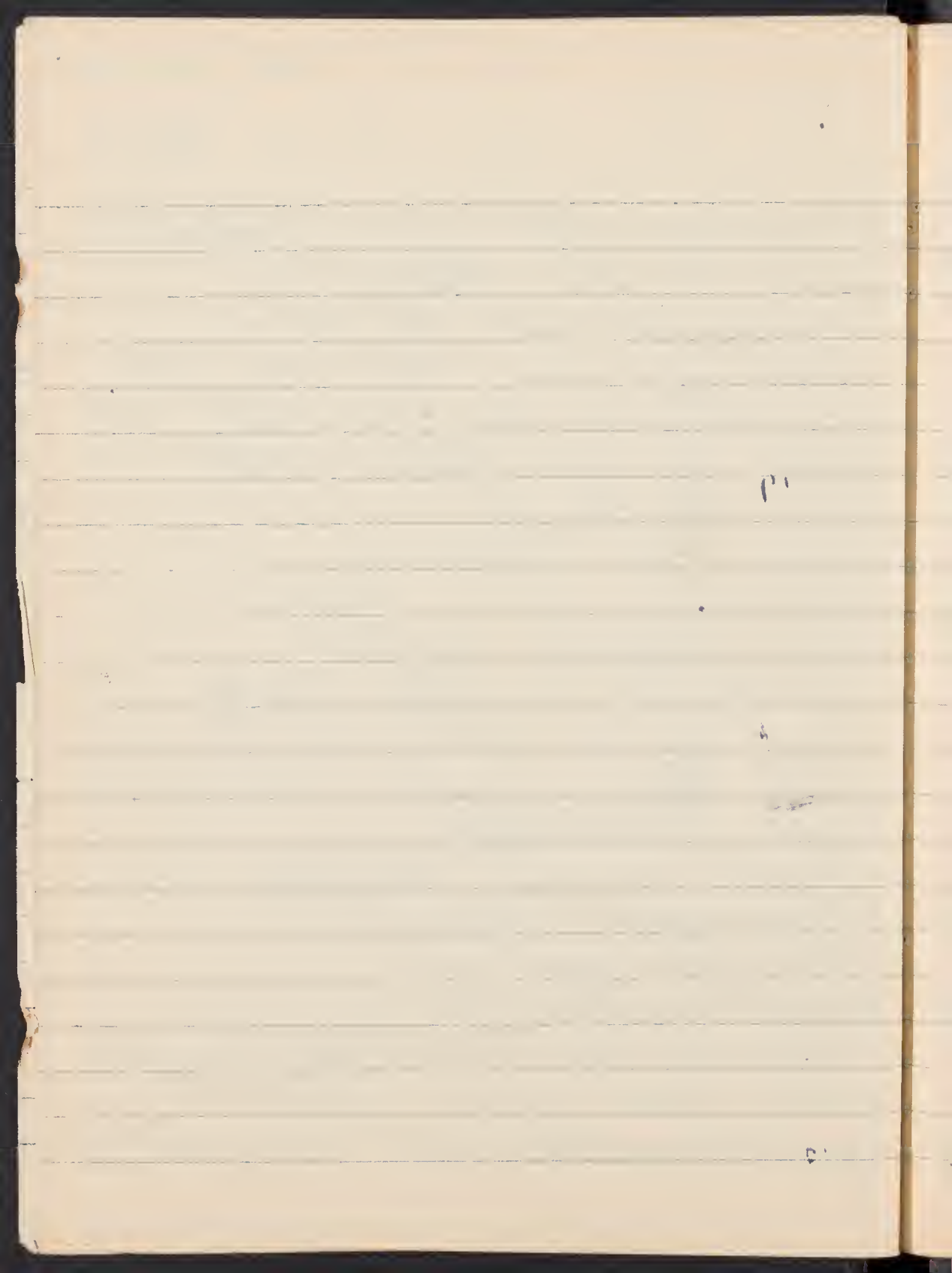
- 5275 Ficus, Sterile. "Candilla", tree.  
Cerro.
- 5276 Ficus, Sterile, Cillo.
- 5277 yellow Oxycodon Petals red brown  
at base. Vine, Alto Guayabo.
- 5278 Samanea Rio Cetro. palm tree  
in tree. Fl. white, very fragrant.
- 5279 Orchid sp. Fl. purple. Elleanthus

San Agustín

- 5280 Fl. purple. herb
- 5281 Ficus. Large tree. bark white
- 5282 Ficus. Tree 7 m. Bark purple to  
black bark
- 5283 Herb. Fl. purple. Verbenaceae
- 5284 Senecio Fl. white
- 5285 Comp. herb. Ray fl. yellow
- 5286 Fabaceae Fl. purple.
- 5287 Herb.
- 5288 Phaseolus Fl. purple
- 5289 Labiate herb. Fl. white
- 5290 Labiate herb. Fl. blue
- 5291 Labiate fl. purple, herb



- 5292 Legum. herb. Fl. white - Scandentium
- 5293 Fl. rosea & blue on. Labiate  
herb.
- 5294 Liana red. Vine. Fl. purple.
- 5295 Fl. white. Bush 2-4 m.
- 5296 Melast. 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. Fr. orange.
- 5306 Bush. Eupat. Fl. purple.
- 5307 Herb. Fl. yellow.
- 5308 Bush 2 m. Fl. yellow. Tub.
- 5309 Vine. Fruit green.
- 5310 Cassia? Vine.
- 5311 Melast. herb. Fl. red.
- 5312 Doga tree. Fl. white, fragrant.
- 5313 Shrub Comp. Fl. white.
- 5314 Vine. Fl. white.





5315 *Saurauia* *Centropogon* 15 ft.  
Fr. ed. *pubescent* (T) *stipite* lux. fl.  
*uroquillo* fl. pale. white  
yell. at tip. Fol. *spines*

5316 Tree Fl. yellow. 6-7 m.

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 like very narrow  
caucho colored.

5321

5322

5323

5324

5325 *Piper*

5326

5329 W. caquelano Cuatro del Cuatro.

5327 *Saurauia*. Cauchos,

5328

5329 *Weinmannia* alto Guayabo 20-25  
m.

5330 *Saurauia* ~~Alto de Guayabo.~~  
~~*Phoradendron* *the* *Blanchetii*~~  
*pellucida* Spr. *De Agostini* <sup>type</sup>

1 perron a traer las bestias a Monte Pinto	4.50
4 bestias para Monte Pinto	4.00
alquiler 4 calderas en el campo	5.00
paletas de hierro	1.20
Arrostrador de hierro para campo	1.00

1 lb. chocolate molido	.50
1 gallina	1.00
Carne de cerdo 20 lbs a 17 c/u	5.10
mantequilla 3 lbs a 40 c/u	1.20
15 lbs. manteca .03 c/u	.45
buñuelos de maíz para desayuno	2.50
2 libras café 15 c/u	.30

2 lbs arroz .14 c/u	.28
maíz	6.00
pan de trigo	.80
1 gallina	1.00
carne resaca	.25
1 perron para el campo	.50
Arrostrador de hierro para el campo	1.40
2 toneladas de paja a .15 c/u	.30
2 pilas	1.00

128.18

specimen for the ...	.10
9 Montezuma ...	.50
57 pulque ...	1.14
3 cartuchos de ...	.36
1 gallina Monte Cristo	1.00
6 latigos	1.50
1 costal	.40

Trinta de la ...



Premium Apples & Vegetables

87 1/2 lbs. apples .17 @	14.87
50 lbs. 35 lbs. .04 @	2.10
25 lbs. extra .10	2.50
more butter 25 lbs. .03	.75
25 lbs. may flower .03	.75
6 stalks potatoes	1.50
6 stalks do more	2.50
1 lb. mince	.50
2 stalks do potatoes	.24
12 potatoes	.24
5 stalks potatoes at 40¢ @	2.00
4 stalks do potatoes 200 @	2.00
10 stalks do more 2 potatoes 2 stalks @ 50¢ @	5.00
12 lbs. cut extra .06	.72
1 stalk potatoes	2.00
113 lbs. apples .17 @	19.21
1 stalk extra potatoes	4.50
50 lbs. fine at 40¢ @	2.00
35 lbs. 200 @	4.50
10 lbs. a. 200 @ .14	1.40
coffee 25 lbs. 15¢ @	3.75
more butter 35 lbs. .03	1.05

meat included 76 Cops	.60
biscuits 10 doz	2.50
chocolate in gift 2 lbs	1.00
5 lbs. salt for a dinner .66	.70
10 lbs. of salt .02	.10
3 eggs & butter .15	.15
27 lbs. of flour 15 cents per lb.	4.05



Pass first trip

Francisco Salazar 10 1/2 days

Carlos Vargas

Victor Trujillo

Luis Tobar

Vicente Artunduaga

Film #80

1) Scenes in Canpoalegre Hills

Dec. 29

2)  
3)

4)

5) Herradura, south of Gigante Dec 29

6) Pericones, Rio Magdalena Dec 29

7) " south of Garzon looking " "

8) Bus of Artanduser Dec. 29

9) View of Rio de la Trinitaria Pitohito  
Dec 29

10) Falls in Pitohito

11) 12) Falls + river Magdalena  
Pitohito + San Juan

Podochromis # 10

- 10 } Road between ...
- 11 } Road between ...
- 12 } Road between ...
- 13 } Road between ...
- 14 } Road between ...
- 15 } Note west of ... Dec 30
- 16

Film 81

1-12) Trip to San Agustín, Dec 31.

Film 82

1-10 Trip to San Agustín <sup>Jan 1</sup> + <sup>Jan 1</sup>

11-12 2. a lot, Patate, Jan 1

→ sent to Bogotá by P. in

Film 83

1, 2, 3. The Calcerencia, south of Patate, with part of P. in. Jan.

Film 84

1, 2,

3) *Senecio* *tenax* near, 1 1/2 hrs. Patate, <sup>Jan 1 + 2</sup>

4) " " *Senecio* *tenax* <sup>Jan 1 + 2</sup>

5) *Senecio* *tenax* *Senecio* " " 5"

6) *Senecio* *tenax* *Senecio* *tenax* Jan 4.

7) " " " " "

8) *Senecio* *tenax* *Senecio* *tenax* <sup>Jan 4</sup>

9) *Senecio* *tenax* 2 hrs. from #8 <sup>Jan 4</sup> <sup>5' E-W</sup>

10) *Senecio* *tenax* Jan 5

11) *Senecio* *tenax* Jan 5

File 35

- 1) [unclear] [unclear] [unclear] [unclear]
- 2) [unclear] [unclear] [unclear] [unclear]
- 3) [unclear] [unclear] [unclear] [unclear]
- 4) [unclear] [unclear] [unclear] [unclear]

Jan 4 11

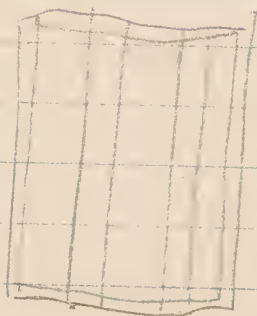
- 1-10) [unclear]
- 1) [unclear]

File 36

- 1-4) [unclear]

Folio 87 *See census* *Santhia*

1) *Alouatta* *don* *santhia* *Santhia*  
*de* *Santhia* *don*, *Jan 7*



Holes on florencea

Rubber gatherers

Daniel Rodriguez Antioqueño

Samuel Lopez I work in Caguana  
caucho negro

(Mercurio Manchola in Cuzco, Peru on  
Río Cuzco. Trabaja en el Caguana  
caucho negro, paila, talata

maison Cuellar companion of Sr.

Vasquez, "works together" Puerto Diego

José Lozada Ca. Los caucho negro

All of these sacando caucho negro

talata refi

de Salavito (Cuzco) Refi. Cachaya work  
with Salavito in paila.

Works for casa Santa Domingo, Bar-  
ranquilla

Vasquez says talata refi + caucho negro in  
colombiana del Fregua. On Fregua + Urubaco  
bag in Huitoto. This is the Fregua which  
falls in Caguana, not that falling into Pescado.

Luis Castro, gerente y Caja agraria 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