



YUCATAW PENINSULA

JAN - FEB 1984

Memo Book

24 Jan 84

33728.3

Ceiba Pt Morelos
road N + cut thru swamp

732.5

307 South 7:00 AM

735.6 main rd to
Pt Morelos

736.6 Vallarta Rd

737.9 stop

First observations

740.0 stop

Return towards PtM

748.2 return Ceiba

9:00 AM

25 Jan 84

33831.7

Cieba at 5:45 AM

836.4 Vallarta Rd

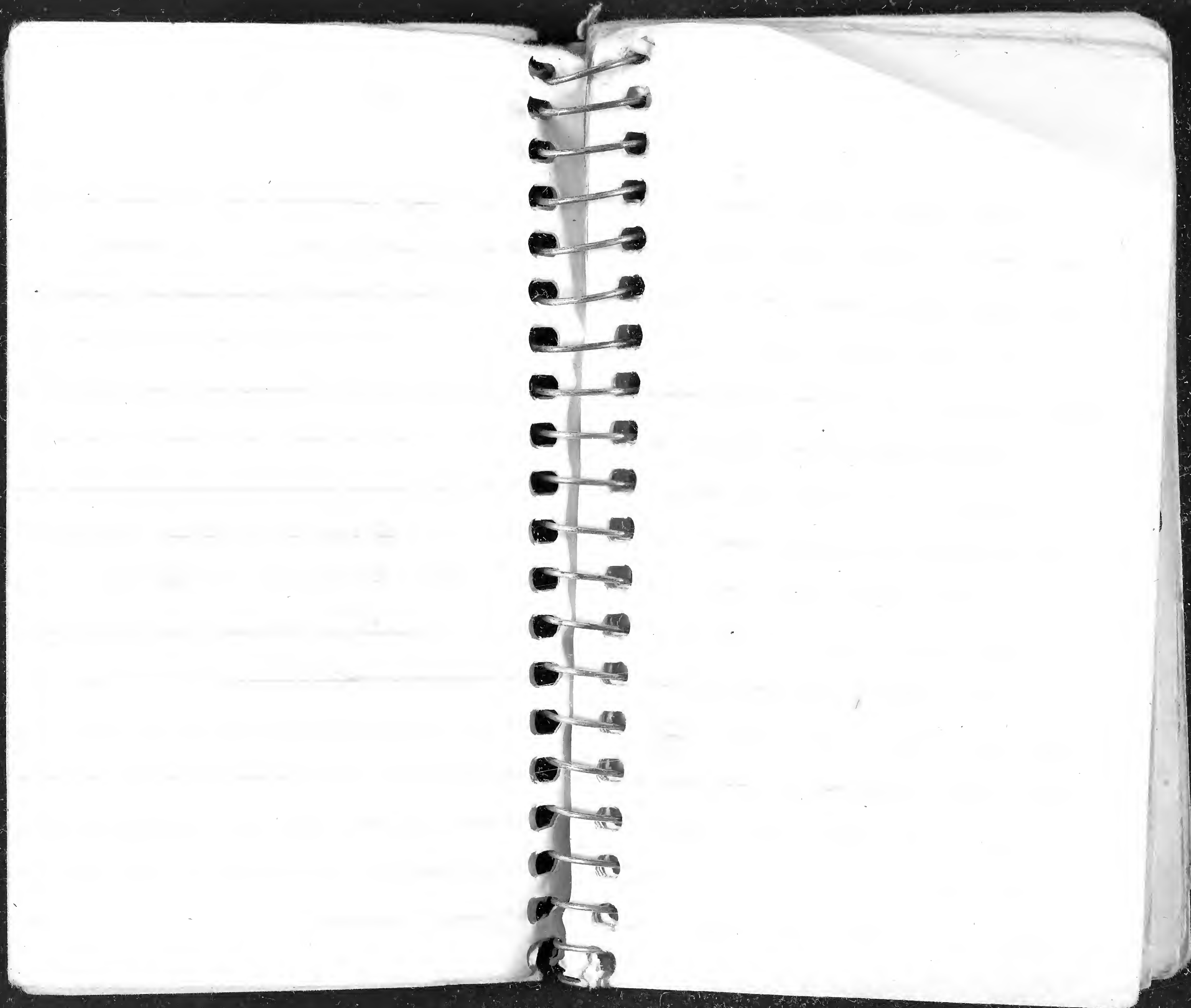
839.0 1st Sta

Returned towards P. Morelos

at 842.3 stopped
at Biological Garden

0800 hours

2nd Station



1 Year

Mr. Olin we going
insistent nothing
and - like hummingbird

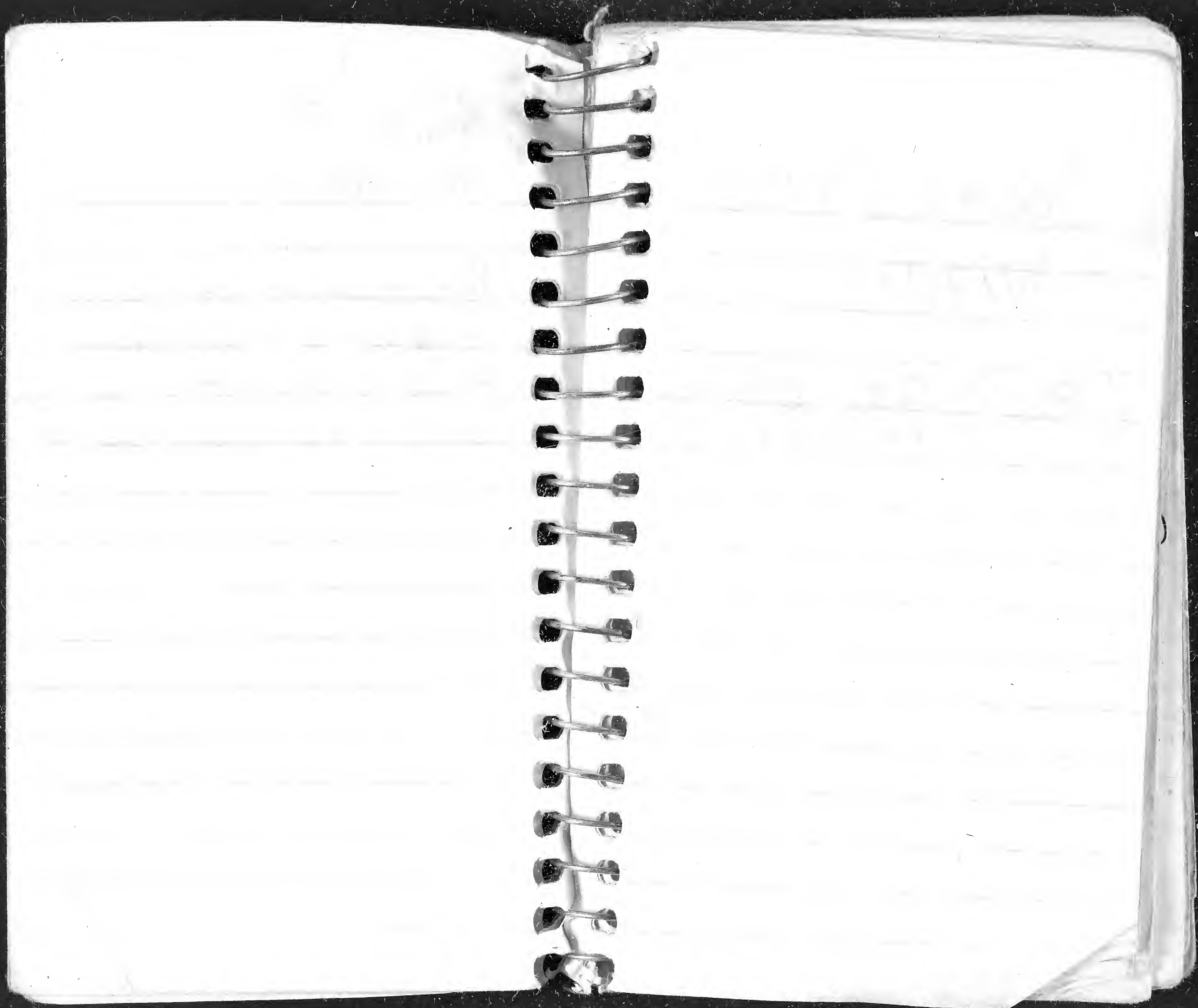
Angus and Sworn
Dr. Ruben we, Olin we,
Hock you. Jays, few
Tan

WES to my in
used food w. Hous, IV Bums
Tennis or. granlet, Hous

another mixed
flock: BTBW,
PAWA, Trop. GC,
lesser greenlet,
BAWW, YTVireo

Palmer U. FC unsuccessful
from ground to ~1'

Palmer U. leaned down from
1/4" perch to probe flower
at tip of shrub ~~leaf~~ branch
Perch 1' above ground, lower ~8'

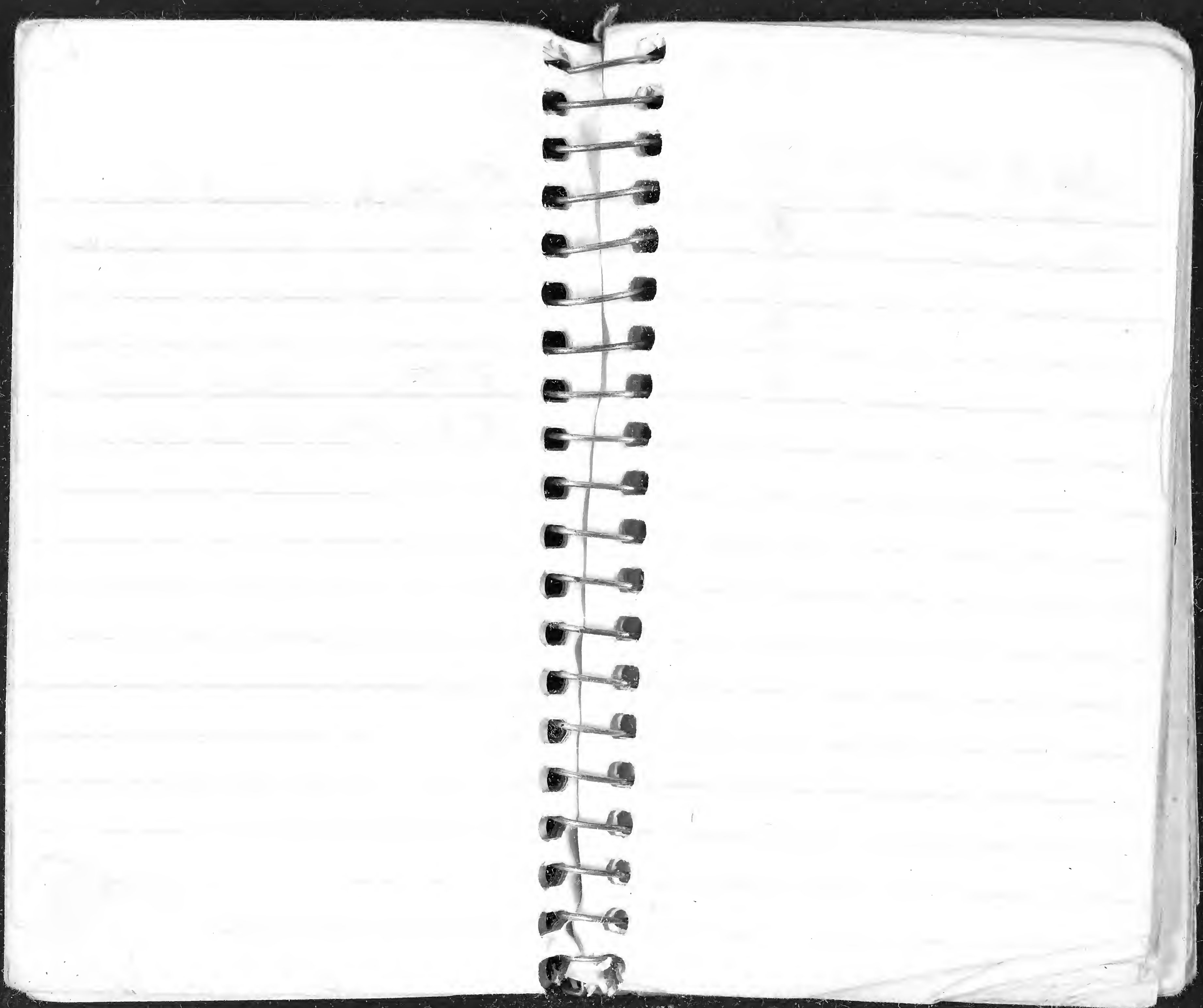


Doctor Denis
Wigam

(301) 798-4424

♂ Howa gleaned twig
from 45° perch 1/2" diam
4' off ground

♀ BAWW gleaned trunk
of 3" tree vert. 8' up



3 Feb

Attila, Ant-Thrush, For Falcon
Ol We, Gr Jay, AMRE
BTBW, Troop Kingbird

Headed by City Troop
1971, 4/2/71

3 Feb

Beach

Palm W. - glean ~~at~~ leaf cluster
at end of shrub branch
diag. perch ~ "4" mid-canopy
of 3' shrubs! off ground

4/15/65

Washed - down, yellowish

200 500 1000 4

7 birds, Yolo W.

3/13.2

Valencia Rd

Gray Hawk

Blue Jay, Br Jay

Big group of 10 birds
whitaker

349.9 stay

11/1/10
ALWA, ...

3-1 WE
A2 ...
...
...

4 ...
KEWA, HOWA ♂

...
WEVI

...
...

...
WA ♂
...
}

#2 HOWA 10, 1?
WEVI, CAUR AMIRE
MAWA, Fawn hummer

#9 moting

#10 Mawaka WEVI
2 ♂ HOWA, Bentbill
MAWA, Hummer sp.
AMIRE, Habia

Prob same

20

Vallarta Rd

♂

5

Valencia Rd

♂

20

off ground

...

...

4 Feb

100 leaves
each station

Dead leaf samples
at Km 7 along
Vallarta Rd

Colony in green
a. ants

1-Curled HT HT III

2 Spider 6.7, 7.5

71 Ants 3.5, 3.2 44 @ 3.5
24 @ 3.5

$\Sigma = 13$ leaves
 $\Sigma = 74$ prey

2.5- Cryptocer.?
antenn colony same
sp. in

1-Flat

HT HT HT HT HT HT HT HT HT
HT HT HT HT HT HT HT HT HT

2 Spiders 8.5 mm, 2.8 HT III

2 Roaches: 4.0, 2.4, 4.0

$\Sigma = 88$ leaves
110 prey

1 Staphylinid beetle 2.3

5 Thysanoptera
Thrips 3.0, 2.8, 2.5, 2.8, 3.0

1 Centipede ~ 14 x 1.5 (lost)

11 prey

II-2-C (5 of these are thin rolled Tillandsia leaves)

HHH HHH HHH HHH

$\Sigma = 20$ leaves
6 prey

2 Crickets: 10.0, 6.9

1 Wasp 2.7

1 Roach 1.8

1 Centipede 11 x 0.8

1 Spider 3.1

6

II-2-flat

HHH HHH | HHH HHH | HHH HHH | HHH HHH |
HHH HHH | HHH HHH | HHH HHH | HHH HHH |

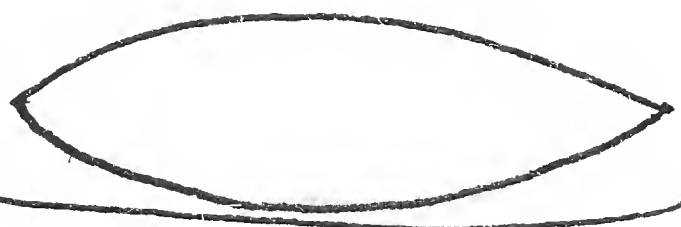
3 Spiders 2.5, 4.8, 2.8

1 Roach 2.2

1 Wasp 7.5

1 Thrip? 1.5

Σ 74 leaves, 6 prey



3c

HHH HHH HHH

Spider 2.2

1 beetle 2.7

3 Wasp 10.6 ^{ad}

1 Isopod 3.8

6.2
↑
larva

8.3 9.5 10.2
pupae

$\Sigma = 13$ leaves
7 prey

~~7~~

II-3 flat

Most leaves (60-110mm)

HHH HHH | HHH HHH | HHH HHH | HHH HHH |
HHH HHH | HHH HHH | HHH HHH | HHH HHH |

1 Roach 2.8 mm

1 Spider 2.6

$\Sigma = 84$ leaves
2 prey

2

II - 4 curled

|||| | ||| | ||| | |||

$\Sigma = 24$ leaves
7 prey

1 Silverfish 11.5 mm

2 Wasps 3.7, 3.9

2 Beetles 2.9, 2.0 *Cerwl. mid*

unkn. family

2 Orth { Cricket 7.6
Roach 2.0

II - 4 - Flat

|||| | ||| | ||| | ||| | ||| | |||

|||| | ||| | |||

{ 1 Cricket 5.5
4 Roaches 3.2, 3.2, 1.7, 5.4

1 Isopod - 4.0

6 $\Sigma = 73$ leaves
6 prey

4' in 7' ...

Blue ...



JUNE
Hosler

5 Feb - Sunday
En Route Pto. Morelos
- Bacalar

lv. Pto. Morelos 11:05
KI Hwy 307
34,369.4 - 11:10 AM
30.6

- 400.6 (11:30)
Playa del Carmen turnoff

- 422 Comm. Black
Hawk

- 425 first ^{Pseudophenix} ~~Cohune~~

palms along way - also
the large drooping
Lilac tree

- 432.6 begin
Fidecaribe zone

435.9 Akumal
 turnoff
 439.5 Aventuras turn
 lots of Cohunes & liliac-palms
 440.3 Cucuyabe t.o.
 442.7 Xacel T.O.
 444.8 Xel-Ha t.o.
 forest gets taller
 along rd immediately
 S. of Xel-Ha - ~~to~~ v. few
~~more~~ Cohune Palms
 v. visible
 447 - back into lower
 Cohune forest
 -52 again taller
 forest, w/o Cohunes
 -55 lower & scrubbier
 forest, but still no

Cohune palms

458.4 Tulum turnoff
 (12:05)
 460.3 Coba turnoff
 461.5 Tulum Pueblo
 (Carillo Puerto 95 km
 from here acc. to sign)
 483.6 Chunyaxche
 $\frac{458.4}{25.2}$ ruins
 good tall forest S.
 of here
 486.5 clearing along rd
 486.8 rd. marker km 202
 B2
 490.1 trail N. side of rd.
 490.6 km 198
 492.5 cleared area
 w. standing dead trees
 S. side of rd

93.6 Km 195

503.5 Chumpon t.o.
(8 Km to the N)

516.1 trail into woods
on W. side of
rd.

517.0 171 Km
(W. side)

525-
big cattle pastures
on W. side of rd
(km. 162, 161, 160)

529.6 (km 158) trail on
W; end of cattle ranch
as visible from rd

4851.1 good Rd. into
forest on E. side

451.4 146 km post

542.6 clearing on
E. side w. big logs
cut.

545.0 good rd on
E. side of rd

546.2 km 141

155
554.7 JCT 295 (1:10 PM)
FCP

564.5 Laguna Ocu
to to the W, Chankar
Veru ~~Veru~~ Cruz to. to
The E,

569.5 Big pasture
on W. side
570.8 km 116 POST
57.1 end pasture
57.9 Uh-May
574.1 Big pasture on
E. side of rd
574.7 km 112 POST
576.1 end pasture at
turnout to Hargil 2 km
W. of highway
576.7 110 km POST
JUST N.
595.1 (km 91) good
rd to E. from highway

601.2 Andres G. Roo
603.2 Big milpa on
E. side of rd
603.6 end of milpa
604.1 Noh-Bec 7 km
Jct - to W. of highway
605.5 Big Pasture on W. side
606.7 end pasture
607.3 km 79 POST
07.5 Start pasture again
on W. side
608.2 good parking spot on W.
608.6 end pasture
615.5 Jct Chaceaskey by
W
616.1 Limones
Jct. to Placer (E.)

630
616
14

621.0 rd to E.

(looks like a paved rd.)
to Placer 3?

623.9 Km 62 post

627.5 Pedros A. Santos

629.7 Jct. w. km 184 to Merida ~~and 207 begin~~

631.3 big pasture on w. where we did pt. survey last year -

Rancho Judas Tadeo ^{at}

635.8 Lakes and marshes - seems to be end of ranch

632
616
16

639.2 Buenavista 2 km to the E.

~642. big patches on w. side of rd (at least 1 km deep) for several km
642.8 km 43

651.5 rd w. to Miguel Hidalgo (6 km)

654.9 big milpa on
55.2

655.8 San Felipe Station Forestry

657.7 Faunistic study, rd to the W.

663.1 Jct w rd NW to
Reforma (25 km)

664.5 N. Jct to Bacalar

667.4 S. Jct. To Bacar

668.8 Hotel Laguna
(2:20 p.m.)

6 Feb

Hotel Laguna

673.1 06:20

686.4 Forestry Station

690.0 X TOCUMOC

690.5 Rd. W. to Miguel
Hidalgo

693.8 large weedy
milpa with some
scattered dead trees &
living palms.

Point Survey

Pt. 1 Mel BB
2 Yuc Parrot
Yellowthroat
sw. Red-billed Pigeons
BBFC
MAWA

Pt 2 RB Creeper*
2 Hooded Oriole
1 Yellow & Bl. Oriole*
1 Ivory billed WC
2 ~~the~~ Golden-cr WP
1 Soc FC
1 Yuc WP*
CC Robin
Araçari*

Pt. C Yellow-billed Cuckoo*
Red-billed Pig.

Least FC
4 Tactatorz
2 Mel BB

Pt. D. Cardinal*
MAWA

BBFC
Paradise Hawk
Lineated WP

Pt. Survey 84-1
veg. Survey 84-1

Rd. to Miguel Hidalgo,
3.3 km (by rd) W.
Jct. Mex hwy 307

697.1 Net Aug 307
698.0 Km 33 post
701.2 Forestry Sta.

♂ HOWA from-gleamed trunk
of Bursera ~ 3' up
flew from diag. 1/2"
perch ~ 1' off ground

Other sp.
Yellow Warbler
Blue C. Flycatcher
5 West Vireo

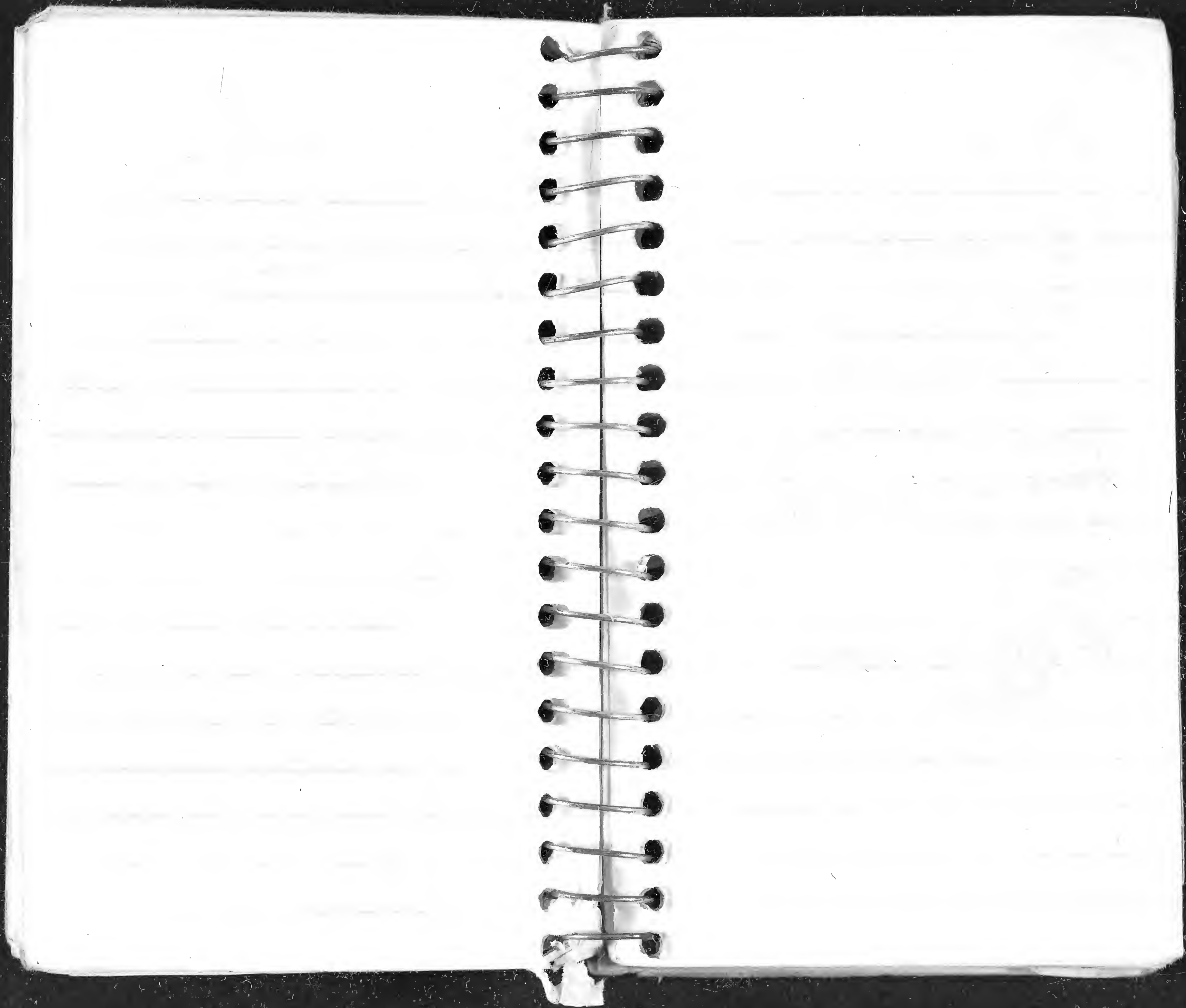
Pt. Survey
at Gilberto's 1041 old
Secondary forest site
1.5 Km W. Hwy 307

PT. 1 ♂ HOWA

MAWA, LEBR
Bentbill, Vireo griseus
Myiarchus tuberculifer
AMRE ♀, Yellow Jays

PT. B

KEWA, Br Jay, MAWA
♂ HOWA - color banded
pink on left leg - caught
by Gilberto in December
& January this season.
Rufous Owl, AMRE
Number sp.



Pt. C

2 ♂ Ovenbird,

Great. Wren-tit

♂ HOWA, MAWA
↑

gleaned insect off long 1" branch - mid canopy ~ 8' up in 25' tree

Pt. D

♂ AMRE, MAWA

BAWW, ♂ HOWA

KEWA, HABA f.

Casoline

7/1/90

Basal

Point surveys in
Secondary forest
between forestry Sta.
and L. Buacon

1530-1700h

Pt. A ♀ HOWA, AMRE,
WEVI, Bl. Grosb.,
Buff-br. hummer, MAWA

Pt. B. Gnathura, Sp-br wren,
Buff-br hummer, Habia f.,
Pygmy Owl

Pt. C 2 Chachalacas, Spot-br
wren, Spadebill, Cacique,
KEWA, HOWA (not seen),
Pygmy owl (diff. ind. than
Pt. B), Trop Kingbird

Pt d. ♀ HOWA, Dives, Spot br
wren, Gnathura
UTILITY
Pole # CFE11-700

Other spp seen at
Bacalar For. Sta :

Blue-cr Motmot* - 1
Yell-winged Tanager* - 2
Yellow W. - (comm)
Limpkin - 1*
Mangrove Swallow* (comm)
Masked Tityra*
Hooded Or.
Yell-backed Oriole*
Green br Mango*

7 Feb

Pt. Survey in mi (per
W. of San Felipe Bacalar Sta

Pt. a. 7 Summer Tan
Trap Mock.

PANA, Yell. Thr. Warbler,
Seedeater 7 FC
(~~Yellow-headed Elaenia?~~
~~Beardless Tyrannulet?~~)
4 Collared Seedeater,
2 Sul FC, Yell-Thr Wa.,
MUNA, Buff-headed hummer
~~Yell~~ Yellowthroat

Pt. B.

2 Doves, Hummer sp.
2 Red-billed Pigeon,
gray ~~Black~~ Catbird,
3 Yell-winged Tanager,
Yellowthroat,

Tadpole Bunting

Green. Egret

Roadside Hawk

Purple Martin

Rough winged Swallow

Scrub Vireo

Or Oriole

Catbird

Bl faced Ant-thrush

calling from woods

Pt. C. Hummer sp.

3 Red-billed Pigeon

Yellowthroat

Pt. D

3 Rose-br Grosbeak

1 Or Oriole

2 Trop. Mockingbird

5 Collared Seedeater

Red-billed Pigeon

~~Yellow-billed Elaenia~~



Fawn 2 Indigo Bunting

faintly streaked buffy

yellowish 2 wing bars

Buff or hummer

Pt. Surrey
2nd growth
E. of Forestry Sta.

0830

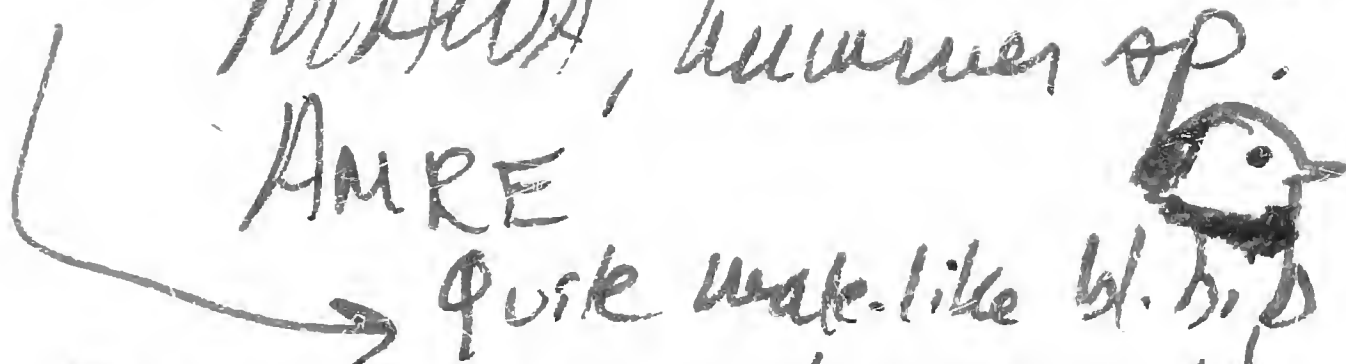
PT. A 2 MAWA, WEV,
♂ HOWA, BTBW,
Spotbreven,

PT B KEWA

♀ ~~HOWA~~ ~~HOWA~~

MAWA, hummer sp.

ANRE



♀ Quirk water-like bl. bird

PT C (S. side of rd)

MAWA, BTBW, 2 ANRE,

KEWA? Spadebill

♂ HOWA

S. of rd. many
orchards

A.D. 2 MAWA,
AMRE

(These 4 will be official
survey pts.)

PTE MAWA, WEVI,
AMRE

(Hous very distant)

P.T.E MAWA, AMRE,
Pygmy owl
or hawk

8 Feb 83

05:00 Parangave calli^{*}
Places to stop ^{at Hotel Bayuda}

on way north
Rd. east (to Placer?)

0.9 km past km
post 64 (~42.1 km
N. of Reforma Rd).

Pasture 7.5 - 8.4 km
N. of ones. Park
just beyond km
marker 78 on W. side.

cattle ranch extends from
Forestux sta. to km 33 on West

844.8 Road to Mahahual
0.1 past 65 Km marker

849.4 turn off on right

19 groups of brown Jay
between San Felipe
Bacalar & turn off
to Mahahual.

Dove call:
heavy weoo-wit-wooooo
thinned forest
Many older emergents 40-50'
Contn. canopy 20-25'
Pt. A.

Yell-lored Amazon
hammer sp, oriole sp.
White-tipped Dove?
Spot-br wren, Great long
bill WP

Pt. B. Br Jay
Bl-faced Ant-thrush
BBFC - eating Bursera fruits
Amazon, Spot br wren
HOWA, WFEV,
MAWA, BRWW
2 Habia f.

①
②

1/2 sec
Hoop-Hoop

curlew
Dove calls

clipped sounding

PT. C KEWA

Habia f., Buff br hummer,
Howa (not seen)

PT. D

MAWA, Buff br hu
KEWA, Quatoron
Toucan, BBFC

more contin. young forest canopy 25-30%
emerging 40-50%

PT. E

Howa ♂ AMRE
Amazilia; Habia f.
V. Billed WC, Wewa
3 Lesser Greenlet BTBW
♀ AMRE My. tubercul

PT. E-H in much
less disturbed forest; some
logging rd, but a more or less
continuous canopy present.

PT. F. We killed Emu
L. Greenlet, BAWW
♀ AMRE, BTBW, MAWA
♂ Rose Par Tan., YTVi

PT. G. (denser woods)

KEWA, Habia f. ♂ Howa
House Wren, Green backed
Sparrow, buff bellied
Hummer, T. wongus
~~Habia f.~~ Woodcreeper
We killed Wren

PT. H ♂ Howa

Spadebill, S. n. wren
3 Br Jays, Gray backed Bled
V. billed WC, Citr.
Trogon, ♀ Redst., ♂ BTBW

34,849.5 Stas. 1 and 2
on E-W Rd.

34,849.6 Jct. with
paved rd., heading W.
toward Mex 307

50.3 Km 4 post
at Jct to 307, sign to
XCAJAK III Km

Ubero 83

Mahuaual 56

Jct 307-854.2 (FOP 68 Km)

867.1 Ranchos

"Capital"

Huge cattle spread

$$\frac{160}{1} = \frac{1000}{x}$$

$$160 \times \# 1000$$

~~\$625~~

$$160 \overline{) 1000.}$$

960

400

320

800

901.1 N. end of lagoon
901.4 lagoon on E. side
113 km post

902.2 Uh-May

heavy forest on E.

Side of rd beyond
Uh-May

pastures on W. side

no trees except low

palmettos & palms

908.2 forest begins on

W. side as well

907.4-907.6 marsh on W. side

908.5 sw. marsh on E. side

918.6 Laguna Oceru Blw.
Cher. lagoon to W.

911.3 km 23 post

920.4 FCP

cut 295, 184

930.3 good rd. into heavy forest on E. side

930.9 143 km post

932.7 tree

dragging mahogany loop out of forest E. of way.

934.1 another good logging rd on E. side

935.9 Manakin flew across rd

~~941.0 cut mahogany heavy forest for~~

949 forest

much more disturbed - lower from here N. esp. on W. side of way

947.5-160 km post

Big cattle ranches on W. side, prob on E. also - ejido owned.

Still some good forested stretches here & there, but few places to pull off road

953.2 Small turnout on E. side in forested area

954.7 Small turnout on W. side

955.1 " " " "

955.1 " " " "

interpolate

955.5 turnout E. side

956.3 169 km Post

good forest both N & S.
both sides of rd for some
distance

957.7 dirt rd. into

disturbed forest on W.
side of rd

958.2 171 km Post

forest becoming fairly
disturbed W. of here
ca. 15-20' high
much Cecropia

962.7 Laughing Falcon*
on tree top

967.6 large graded
road heading E.
from highway thru low forest

667.9 181 km Post

971.5 ~~km~~ Chumpon 8 km
to the W.

CS till scrubby 2nd day woods

979.5 - taken forest visible
back from rd on
both sides of highway

981.6 km 195 Post

984.6 heavily disturbed
forest again

985.5 199 km post

986.5 tall forest
again - both
sides of rd.

988.9 good turnout
w. side

991.3 205 km post

991.6 Chumyaxche ruins
N. of here forest
heavily disturbed
again

995.6 good dirt
rd to E. through
disturbed forest
between Tula and
Tulum there are
some accessible patches
of good forest, but most
of area w. rd is
heavily disturbed 2nd
growth.

008.0 forest here
seems quite low,
even where not
obviously disturbed
selva baja?

~~010.3~~ ~~Kan Post~~

013.5 Totum Pueblo

014.9 Caba T.O.

016.8 Takum rivers
11:28

024.9 1st Cohune Palms
and hilly palms

033.7 wide graded
road heads w.
into forest from
FIDECARIBE zone

034.6 249 km post

034.8 Chemuyil T.O.

035.7 AVENTURAS road to

039.7 AKUMAL T.O.

042.6 end FIDECARIBE
~~045.0~~

046.0 Chures

(last ones visible)
little palms extend
~~west~~ further N.

058.5 Pannal T.O. E.

061-062 big pasture
on W. side

63.1

278 km post

068.4 X-CARRET TO

074.5 Playa del Carmen

080.5 Laughing Falcon

080.9 Punta Beté t.o.

82.4 Cabinas Felipe

091.2 - 092.4 big pasture
both sides

092.6 308 km post

093.8 good rd E.
toward coast

94.5 ~~300~~ Rincón Moon
300 km pasture on E.

- 98.1 good rd E.

- 98.6 Felipe's?

99.5 woodingate
across driveway
on E. side

300.5 316

- 104.7 Vallarta Rd
(15.5 km)

- 105.8 Jct. To Pto. Morelos
(12:25 PM)

Osprey at Jct
Gasoline \$1,500 pesos

1 Feb

Pd. Mochles Beach

Falco W (1) Sat on top of
6" high bush probing leaf
clusters

(1) ditto

(1) Caught insect on ground
while hopping along on grass

(1) ditto - caught larvae on grass

(1) ditto, but caught nothing

(1) probed top leaf clusters

in 6" bush - 0

ground peck - 0

probed base of grass

" clump from ground 0

(1) ground peck - 0

(1) probed leaf cluster from
200 yds

6" bush - 0

(1) ground peck from ground -
got something small



91

C

LESR Probing dead
leaf cluster - over
35' up in 50' tree
horiz 1/4" perch

HOWA 09
left white XF
Royal FC
Red Rt XCL

48.0 Jct Hwy 37

18 Feb - Near rd
Sta. 1 54.4

PT. A 3 Brown Jays
1 ♂ Howa

PT. B Wood Sucker

Buff. bellied H.
W. Sp. - Gold Finch

PT B MAWA, CAWR,
Wh. bellied Euc.

PT. C 2 MAWA
Low canopy

PT D 2 Wh. bell. Euc
♂ Howa
♂ MAWA

→ Have looked upper leaf
9' up from 10' horiz
Perch 4' over 30' canopy

558.3 Road
hubs
around marshy
depression.

2 Green-backed sp Song

5614 Great Wren
U.S. for very common
seen on 11/10/00

10:10-11:00

Sta. 2 561.9
S. side of rd

Pt. A YUNV, WEWA
WB Emerald
Copsila
Tolmowings

Pt B Spotted
Hood, WEVI

Pt C Hammerbird sp

Pt D ♂ HdyJA,
♂ AMRE, Hammer
sp., Spotted Wren

565.2 2000

12000

10000

527

JOY with...

id to the...

Pump of...

573.7 JOY...

10000

km 295

(Pump station)

578.8

turned off to...

Then...

4.30 ...

581.7 highway

Km 301 at 82.3

Shore dead end

632.5

high way 35.5

Petempich beach

Pomelos 44.5

21 Feb

Focus on

Spotted SP, ³ Li Blue Heron.

Ruddy turnstone, Royal

Tern, Frigate Bird,

Sandwich Tern, Bl-bellied

Plover, ~~GB~~ Ibis, GBH

1 Snowy Egret, ² YCN Heron

2 Wood Stork

Roadside

2-11-11

Went to 25' high on top of mountain
 in snow. Wilderness - covered in
 snow. In snow in the bushes.

- Red 250 ft ~ 20
- CB 44
- W. Nelson 11
- SE grout 11
- Wh. Thin 44 11
- Dark SB 11
- LBH 11
- GH 11
- Woodstone 11
- Part 13 11
- Gr. Sp. 11
- Blue Test 11
- Beled kug 11
- Graphite
- ...
- ...
- ...
- ...

- Pale core ~ 50
- Tr. yellow 6
- Py. V. 2
- Turnover, V. 25
- 1/2 kg. 50

24 Feb

Pt. Surveys
Meylor

Pt. A

2 Green br Mangoes

1 Redstart

1 Yellowthroat

1 Attila

Pt B

1 Gold F Wp

1 Yellowthroat

2 Scrub Vireo (2)

Bl Catbird

Pt C

Yell Oriole

N. Water Thrush

Scrub Vireo

Warbler AP

1-2
1/2 - ...
2 BAWW
BBW
NO WA

28 Feb PT. Survey
low selva S. of
Felipe's Ranch along
Coast

Selva baja 10-20' high
partially flooded w. mangrove

Pt. A. Roadside Hawk

Yuc. Vireo

2 HOWA (1 ♂, 1 nest seen)

imm ♂ Redstart

WOTH, Scrub Vireo

Pt. B. Mostly Mangroves

2 Spst-br Wren, Yuc. Vireo,

2 Hooded Or.

♂ Hawk, Gray Catbird,

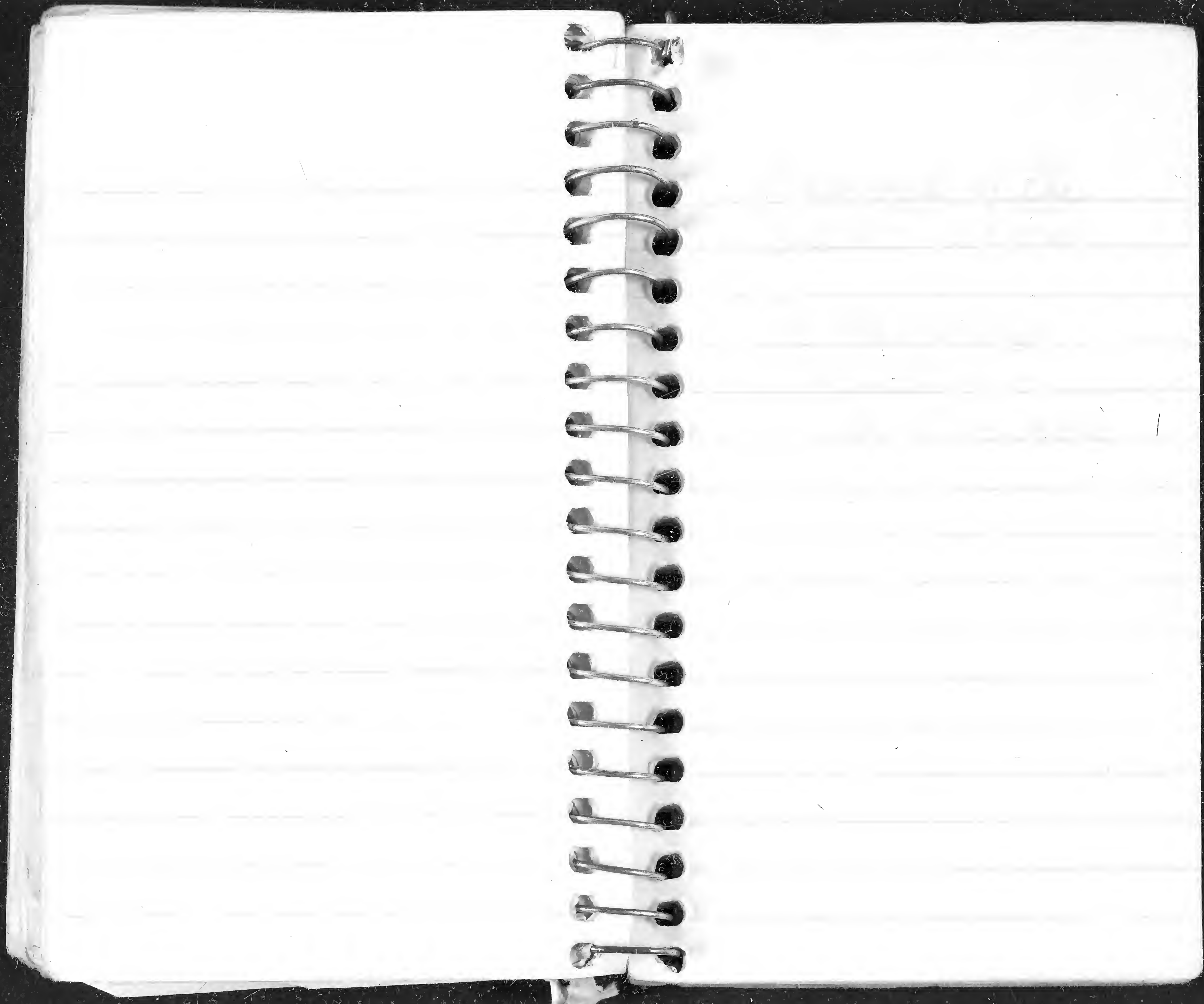
BAWW, OVEN

Least PC
Hummer sp

P.T.C Shrike-tanager
Mockingbird
Summer Tanager
MAWS, ♂ House
LEFC

P.T.D.
~~3~~ 4 yr Parents
Group
LEFC, 4 Jays
Pyrrhuloxia
♂ House ^{maybe 2}
BL Catbird

35/4/53
Lamy



Mammals of the
World - Walker

The Mammalian
Radiations -
John Eisenberg

only possibilities:

Yellow W.
Olive W.

The Musty Warbler

No wing bars

Very faint streaking
along sides of breast

Yellowish undertail
coverts

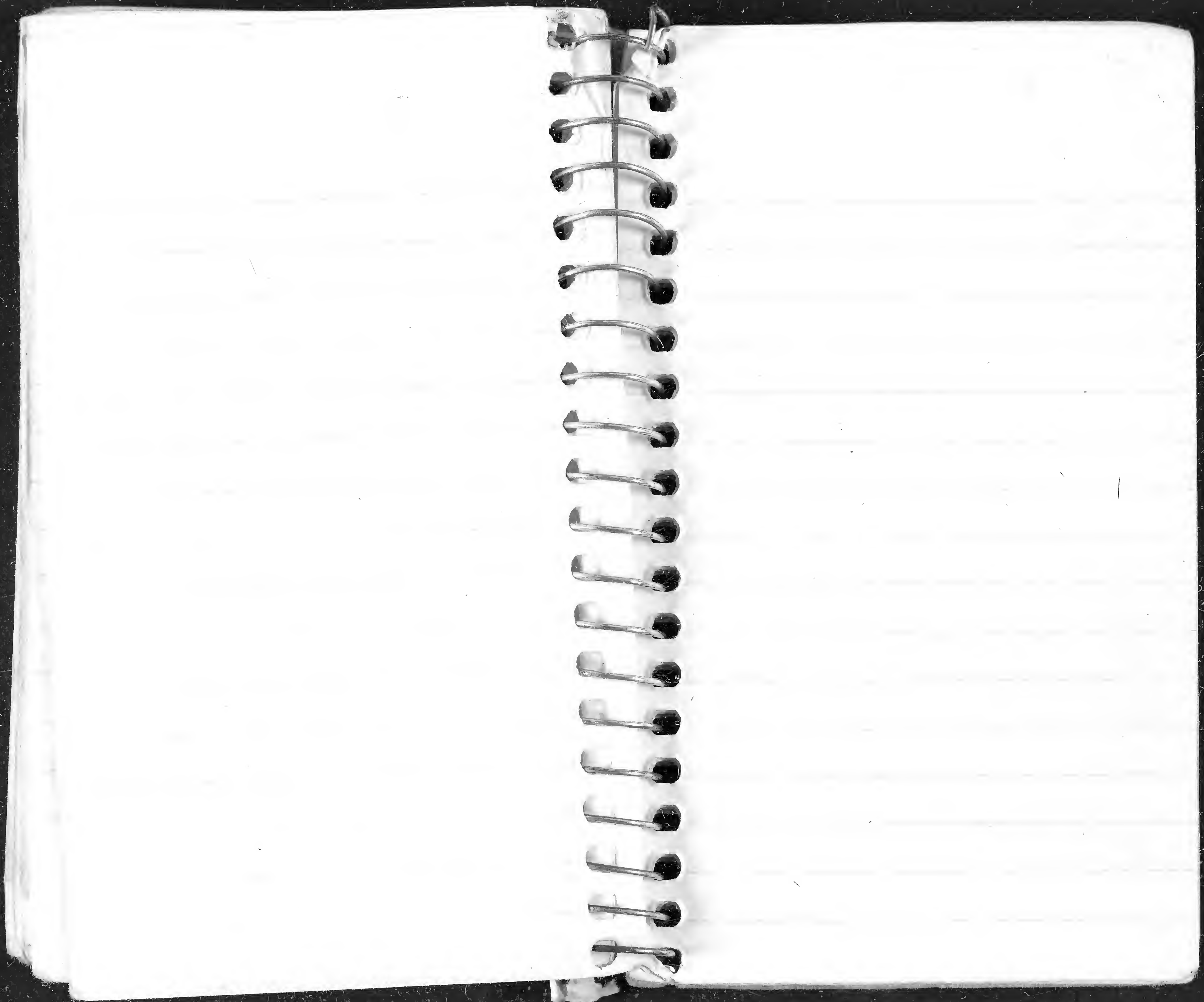
Yellow green rump

No supercilious stripe
or back streaking

Both white & yellow tones
in ventral

Habitat - beach scrub,
including v. open areas

Does not bob tail



Handwritten notes at the top of the right page, possibly including a date or title.

Main body of handwritten notes on the right page, organized into several lines of text.



I-5-curved

|||| | ||| | ||| | ||| | |||

$\Sigma = 33$ leaves, 3/ prey

12 Psocopt? 1.3, 4 @ 0.8, 7 @ 1.0

18 Spiders: 1.5, 2.5, 4.9, [1.5, 1.3, 1.5,

1.5, 1.4, 1.5, 1.4, 1.5, 1.4, 1.5,

1.5, 1.4 (12 in one leaf - a brood of young)]

5.1, 5.1, 3.3

1 Lepid - tiny ad 2.5

I-5-Flat

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Orthopt. - Roach 2.3

Spider: 2.8, 0.8

$\Sigma = 60$ leaves, 3 prey

I-6-curved

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|||| | ||| |

2 Coleopt. 2 Cereul. ~~2.2~~
~~and~~ 3.4

1 Psocopt? 0.8

5 Spider 3.7, 2.0, 2.6, 2.0,
9.3

$\Sigma = 35$ leaves; 8 prey

I-6-flat

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5 Spider: 2.2, 2.0, 2.1, 4.4, 2.3

1 Cricket: 4.8

$\Sigma = 67$ leaves; 6 prey

✓ I - 7 - curled

||||| / ||||| / ||||| / ||||| / ||||| / ||||| / |||||
|||||

$\Sigma = 45$ leaves; 6 prey

12 Spiders: 4.5, 4.4, 3.8, 1.7

18 Orth-Cricket 10.8,

Hymenopt. - Formicidae (Pseudomyrmex)
6.0 mm (lost)

✓ I - 7 - flat

||||| / ||||| / ||||| / ||||| / ||||| / ||||| / |||||
||||| / |||||

1 Orthopt. Phasmid 5.0 x 0.6

4 Spiders: 5.9 mm, 1.6, 3.0, 5.7

1 Hymenopt. - Formicid (Camponotus)
3.7

2 Coleopt. - 1.4 (sun. Bl. round), 1.5

$\Sigma = 62$ leaves; 8 prey

✓ I - 8 - Curled leaves

||||| / ||||| / ||||| / ||||| / ||||| / ||||| / ||||| / |||||

$\Sigma = 33$ leaves; 10 prey

Edeapt: Corvid. 2.4; Tingy round 1.0

Pentatomids: 18.5 x 11.5 x 6.5
(Hemipt.) (not saved)
Corixid: 10.2

Cricket: 9.5

Spiders: 2.5, 3.5, 3.9, 5.2,

roach: 7.2

✓ I - 8 - flat

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$\Sigma = 72$ leaves, 5 prey (lost)

Spiders: 2.6, 4.1, 1.0

Psocopt? 1.2

Trip: 4.1 mm

I-9 - curled

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1 Lepidopt larv. 15 x 2 mm
2 Orth. Crickets 10.1, 22.0

1 Dipt. adult - 2.2

1 2 Coleopt - Curcul. 1.9, unkn. 1.8

5 Spiders : 2.8, 3.3, 2.6, 3.1, 2.1

$\Sigma = 41$ leaves, 11 prey

I-9 - flat

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Spiders: 8.1, 1.2, 2.1

Hymenopt - wasp 2.5

1 Coleopt - Staphyl. 2.3

$\Sigma = 59$ leaves; 5 prey

VI-10 - curled

||||| ||||| ||||| ||||| ||||| ||||| |||||

$\Sigma = 35$ leaves, 8 prey

Hymenopt.

Formicidae - 1 Atteca? 3.3

Spiders: 5.6, 4.0, 4.8, 3.0, 9.0, 3.9, 2.6

I-10 - flat

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2 Beetle 1.2 mm (lost), 1.3

8 Spiders: 2.3, 3.5, 1.5, 3.0, 3.0, 5.9, 2.7, 2.8 ^{lost}

1 Lepidopt. larv. 10.0 x 1.2

1 Orth: Roach 2.5

$\Sigma = 74$ leaves; 12 prey

10 10 10 10 10 10

10

I-1-Curled

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Hemipt. 13.5mm (Reduviidae)

Spider 2.5mm, 5.5

$\Sigma = 29$ leaves

3 prey

I-1-flat

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Hemipt. planthopper 4.5mm

Colept. 2.0

$\Sigma = 70$ leaves

2 prey

I2 - curled

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Millipede 6 x 0.8 mm

Parasitic Hymenopt. 3.5 mm, 3.8, 3.8, 1.8, 3.8

Spider 5.7, 3.5, 4.8

Green Coleopt. (Nos) 1.5

$\Sigma = 38$ leaves; 10 prey

I2 - flat

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1 Formicidae - 2.2 mm
(Crematogaster)

$\Sigma = 78$ leaves

1 prey

I 3-curved ○ ○

|||| ||| ||| ||| ||| ||| ||

Chrysomelid beetle 6.5

Spider 7.5

Geoph. Centipede 14 x 0.8

$\Sigma = \begin{cases} 32 \text{ leaves} \\ 3 \text{ prey} \end{cases}$

I 3-flat

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$\Sigma = 75 \text{ leaves, } 1 \text{ prey}$

Spider 7.5

29 Jan 80

I-4-curved

Spiders 2.5mm 3.0mm 1.0mm 1.5mm

Cricket 10.5 9.2mm, 4.5mm

Coccinellid? beetle 4.0mm 3.2mm, 2.5mm

Roach 6.5

Isopod 3.5

$\Sigma = \begin{cases} 40 \text{ leaves} \\ 12 \text{ prey} \end{cases}$

I-4-flat ||| |||
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|||| ||| ||| (2 flat leaves or 1 prey)

Spiders 5.0, 8.3, 5.8

moth larva - Geometrid 12.1mm

beetle - 2.2 Curculionid

$\Sigma = \begin{cases} 65 \text{ leaves} \\ 5 \text{ prey} \end{cases}$

1
100

Ed Ed
6/10/19

100 Sheets

5 in x 3 in
127 mm x 76 mm

No. 14012



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