

Memoranda

Gull species

white tail - no bar or edge

dark head

dark feet



Done
CPK

4

wh

da

o



Island Circuit - Beaches

Green-Kare 26 March 1967

Ruddy Turnstone - ~~IX~~ ~~IX~~ ~~IX~~ ~~IX~~ ~~IX~~ ~~IX~~ ~~IX~~

Golden Plover - ~~IX~~ ~~IX~~ ~~IX~~

Bristle-th Curlew - II

Wandering Tattler - II

Seals

AF w/pup (large) - 1

SU in water - 1

ALU in water - 1

AF w/sm. pup - 1 pup w/unclipped cord
after birth on beach nearby

Reggs - pups - II

AM - 1 } guarding

AF - 1 } giving birth

Green-Kare 26 March 1967

Bl-footed Albatross chicks per to point:

~~IX~~ ~~IX~~ ~~IX~~ ~~IX~~

working into Scaevola
about 50 feet.

Laysan alb. along beach to post 10

~~IX~~ ~~IX~~ ~~IX~~

from pier

Near marker 10 found a skeleton w/orange
streamer on 1 leg. could not fit lower
leg or band for this bird. Nor could
the species be determined. The bird was
small - about Sooty Tern size.

Green-Knee March 26, 1967

Red-footed Booby - 79 birds
on Scaevola at 3:20 pm

H. Frig 134 on ground 38 flying
at 3:22 pm.

Red-t. Tropicbird - 16 flying 3:25 pm

Frigate courting vigorously

H. booby Ten - 19 seen at 1 pm

About 350 Sooty Terns
swarming off the East side of island
at 7 pm.

Green Line

March 26, 1967

Post 10 to Post around top of island
Blud-f Albatross - ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

Laysan - 1

John

To Antenna field road
Bl-f - ~~||||~~ 1

Laysan - 0

Antenna field road to end of
runway -
Black foot - ~~||||~~

End of Runway to entrance

Black f. - ~~0~~ IIII

Laysan II

End of Runway to end of Runway

Black-foot - IIII IIII IIII to #32
IIII IIII III

Laysan - IIII IIII IIII IIII IIII

Wedge-tail - 1 7:05 pm

Kmas dr - 1 at 2:30 pm
1 at 7:20 pm

Green-tail 26 March 1967

Laysan Albatross

737-978737

737-96998 } paired

737-91266

Red-f. Booby 79 roosting
on S end of island at
7:30 pm

737-94454

697-22862

737-93497

697-90779

737-95199

737-97987

737-96387

737-92098

737-92735

697-04090

697-22959

737-92701

Kume Is. March 26, 1967

Bonin Is. Petrel Returns

753-32883 on ground

Kume Is. March 26, 1967

Wedge tail Shearwater Returns

615 08637 on ground

~~Blue-f. Goby~~

~~697-90199 - AF 3 eggs~~

~~667-39204 AM~~

~~667-35065 AM 1 egg + 1~~

~~35051 AF 1 on water shell~~

March 27 1967 Kure

Laysan all on very small
chick 3 1/2 high (sitting) by 5 1/2"
long - sitting Took photo but in
very poor light. on edge of Scaevola
near end of runway on south end of
island.

March 27 1967 Kure

Seals AM - 1

AF w/pup (?)

AU in water - 1

AF w/pup in water - 1

Middle of runway to ad of point

Bl-f - ~~24~~ 24 + 8 + 1

Laysan - ~~||||~~

End of Point to Pier along beach only

Bl-f alt - ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

alt

Laysan alt. - ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

Green-Knee 27 March 67

Recovery

737-91422 Laysan Alb.

737-99610 Green-coding ~~Tom~~ blue

Silver Plover - 1 changing

Kure Island

March 27, 1967 Section set
off by SE Antenna ~~guy~~
wires - Robbin recorded 96
Laysan ^{Alb} Feb 9-10, 1967

Laysan - ~~NI III IX IV III III III~~
~~NI III IX IX III = 68 + 11 = 70~~

!!

Green plover from SE wire to base of
rod of antenna.
~~III~~ 7 to 2nd antenna guy from SE

Kure Is.

March 28, 1967

Blue-f. Booby - Nests

VATP

AM - 2 eggs 44.45 x 72.5; 43.85 x 71.95

nest scrape 16" diameter

AM 2 eggs (737-45123) 45.5 x 60.55

45.4 x 65.2

737-45125 AM 2 eggs 43.3 x 66.3

45.9 x 66.55

697-70649 AM 1 egg 46.85 x 64.5

737-45126 AF 2 eggs 46.6 x 62.9

47.65 x 62.8

AF 1 egg Started raining
2:30 p.m. - ran like hell!
still got soaked.

Kine March 27, 1967

Wedge tail

675 09245

Brown Booby

977 - 70925 AM

737 - 92436 AM

92446 AF

95949 AF

98001 AF

697 - 70671 AF

737 - 99727 SU

737 - 45203 AF

~~Wedge tail return
1200-1300 - 1400-1500
1600-1700 - 1800-1900
2000-2100 - 2200-2300~~

Recovery

737 - 99806 Brown B. Her nearby

Wedge-tail return

035 - 16308

March 27, 1967

~~Return~~

Bonin Is. Petrel

Return

753 - 33214

903 - 03499

03244

757 - 32613

907 - 03799

03526

793 - 20622

903 - 03460

Kune March 28, 1967

~~Recovery~~

~~597-83263 Blue-f. Booby - S. Antenna field~~

Kune Blue-f. Booby March 28, 1967

~~March 28, 1967. VAP~~

~~North + South antenna field~~

~~667-35064 AF~~

~~39213 AF~~

~~737-45132 AF ✓~~

~~697-24529 AF~~

~~667-35070 AM~~

~~667-35072 AF 2 eggs~~

~~737-45121 AF 2 eggs ✓~~

Kure March 28, 1967

Brown Booby

VADP

737-45203 AF - sunny in

North antenna field

Kure March 28, 1967

Blue - f Booby

All North antenna field except 1st level

AM 1 egg 45.9 x 59.55 South antenna field

AF 2 eggs 46.25 x 69.0 / 44.9 x 61.95

AM 1 egg + 1 naked chick - not disturbed

AF 2 eggs 46.0 x 62.95 / 46.85 x 65.25

AM 1 egg 47.35 x 63.3

AF 1 egg 47.0 x 66.6

AF 2 eggs 45.7 x 64.4 / 43.7 x 66.5

AM w/ 1 naked chick several days old - not disturbed

AF 2 eggs 45.15 x 66.15 / 42.95 x 69.25

AM 2 eggs 44.85 x 59.0 / 47.4 x 70.85

Strange voice (gurgles) prod. male by bill color. 2 eggs

45.35 x 66.2 / 43.9 x 61.2

AF 1 egg 44.9 x 73.05

AM 1 egg 47.65 x 68.75

AM 2 eggs 47.4 x 72.7 / 45.45 x 68.05

AF 2 eggs - not measured on especially belligerent bird attached vigorously + couldn't be caught

Kine March 25, 1967

Blue-f. Booby

697-24501 AM 2 eggs

597-83277 AF 2 eggs

Kine March 28, 1967

Blue-f. Booby - North antenna f.

AM 2 eggs (697-24501) 44.9 x 66.95
46.3 x 66.7

AF 1 egg 45.1 x 62.95

AF 2 eggs 46.45 x 68.6 / 45.65 x 66.4

AM 2 eggs ^{nest is on sticks} this ~~is~~

about 1 foot from bare area
45.5 x 62.0 45.7 x 61.7

AF 2 eggs - 111

AM

1 egg - 1

2 eggs - 111

1 egg - 1

AF 1 egg 45.8 x 69.6

Kume Is.

(#1) Brown Booby - 16 x 17", bowl 9 1/2 x 9
depression ~~3~~ 3", AF incubating
41.4 x 64.65 / 41.9 x 62.0

Construction of driftwood, Scaevola
stems, tubulus, some grass stems
feathers, on ground on edge of
Scaevola thicket in Tait,
Boerhaavia + some Verbeena +
Eragrostis.

(#2) On edge of Scaevola, female incubating
nest very small + unelaborate for this
species - consists entirely of a bowl in
a depression bowl 8 1/2 x 9, 1 1/2
depression, a few nest materials
past lip of bowl: rest of Scaevola
leaves + stems, Tubulus, grass stems
1 fresh Scaevola leaf + 1 sprig of Tait,
nest in Tait + Boerhaavia some feathers

March 28, 1967

(red #)
lid
2 eggs 40.45 x 60.6 / 41.0 x 62.2

Tower overlooking Central Roost
1:55 pm.

29 Frigate in flight
85 on Scaevola

Red-f. Booby - 64 Red-f. Booby
on Scaevola

Red-f. Tropic 16 over central roost

~~Frigate nest~~
~~AF empty - #1~~
~~AM up~~

Brown Booby AF 2 eggs on little sand of dirt
in middle of dense Scaevola near roadway. Nest
of Scaevola branches (liberal) Boerhaavia (fresh)
Scaevola leaves (fresh), 1 sprig of Tait +
some dried Tait stems

42.35 x 62.95 / 43.25 x 65.6

Nest 21 x 23", bowl 9", depression 2 3/4"

Kure 28 March 67

Frigate Nests - central roost

AF:

Empty - III 1

1 egg - II

AM

Empty

1 egg - II

unk - II

49.35 x 72.6 opaque

48.15 x 72.7 fresh

48.25 x 69.85 fresh

49.05 x 70.15 fresh

45.15 x 72.1 fresh

As soon as a bird is chased off of a nest there is an almost immediate rush of male frigate to that location in order to steal nest materials. The majority of birds observed during the robbing were Subadult males.

Red f. Tropicbird - egg

44.2 x 66.0

Seeds AM

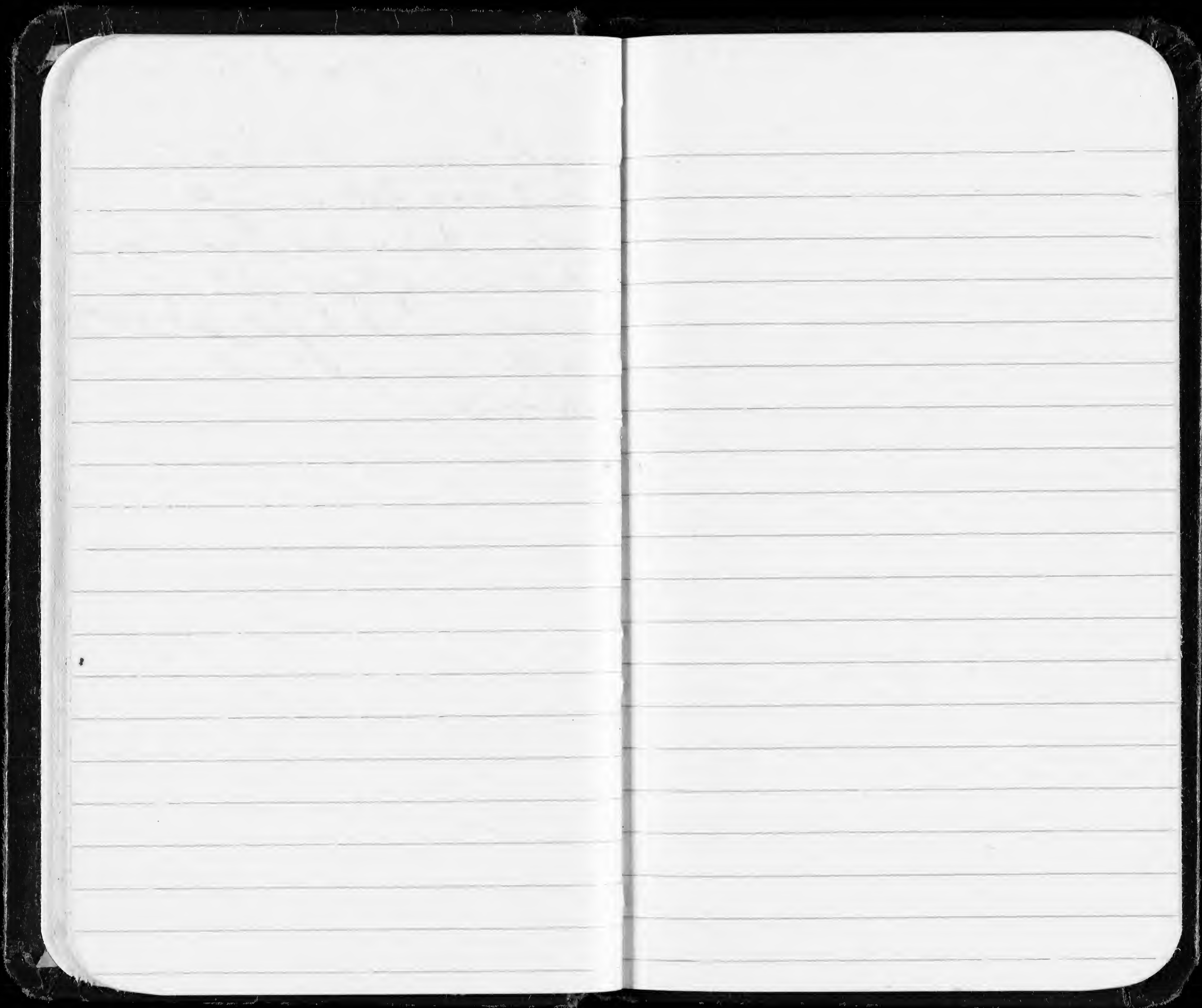
AF - looks pregnant - about 3 yams and

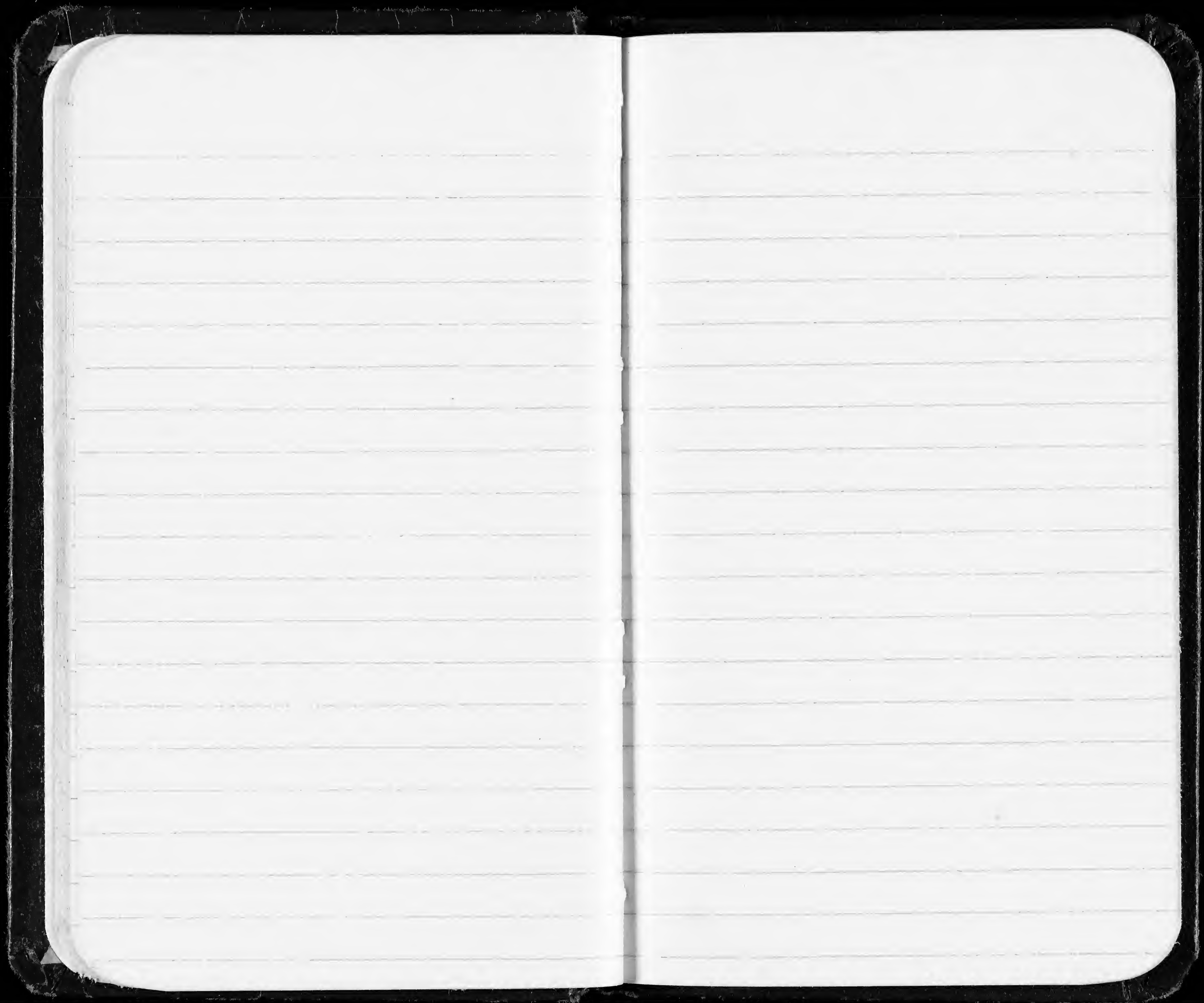
AF in Scaevola North beach

2 AM in water north side

Kume Is. March 28, 1967

Gull species flew by out
about 200 feet on north
side - dark on head, throat clean.
black on wing tips, white + gray
secondary, dark feet, dark bill (?).
couldn't see gull to well - no
binoculars.





Kure Island

March 30, 1967

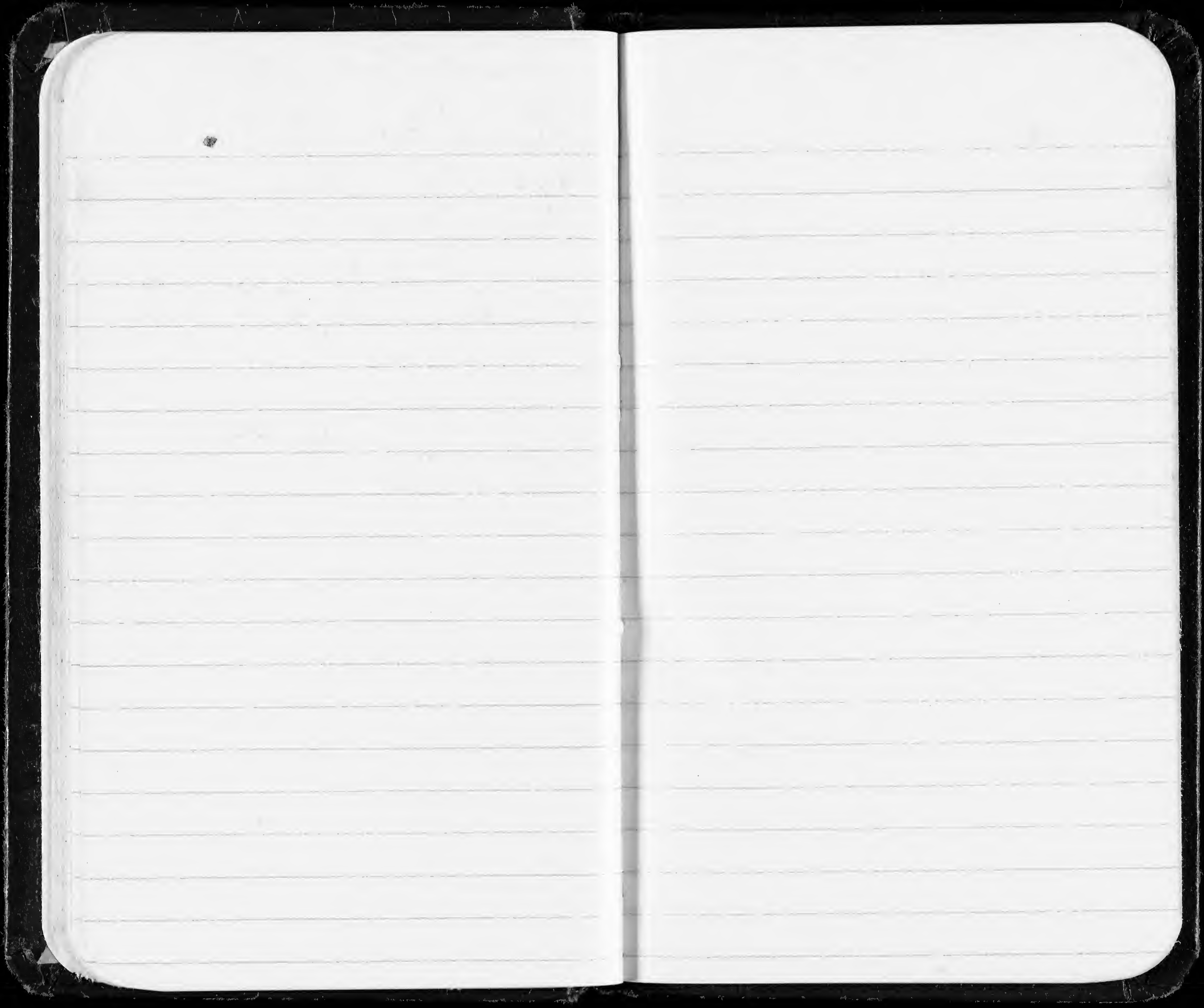
Laysan Alb. Chicks

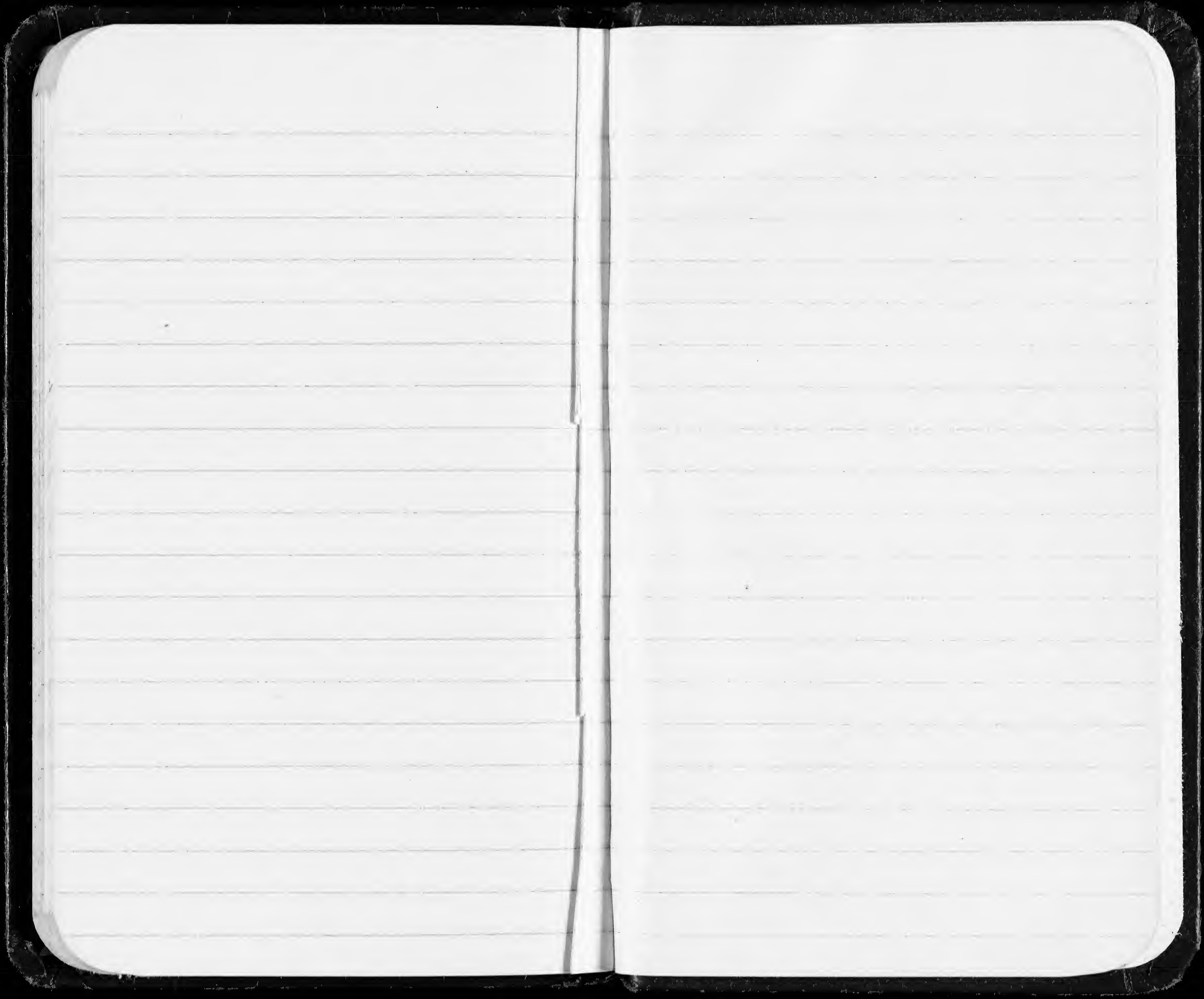
767 - 46709 - 50

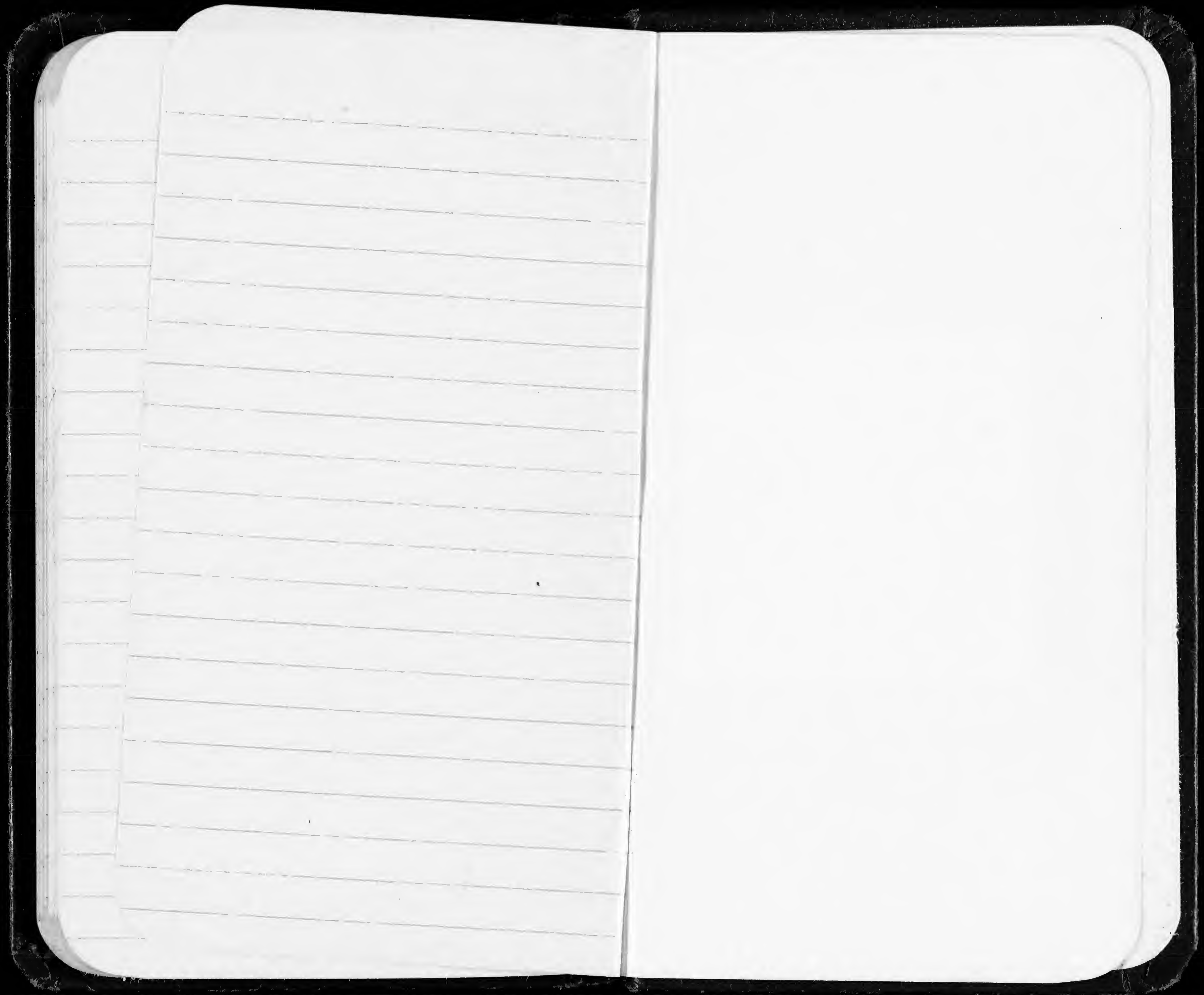
68 - 96

Feeding up a string of the Robins

52 R-t. Traps on
antenna field







934 - 851

have observed that adults don't care what type of chick they fly next to.

from plane 14 AD seals + 1 SU on sand spit ~~to~~ on SW end of atoll

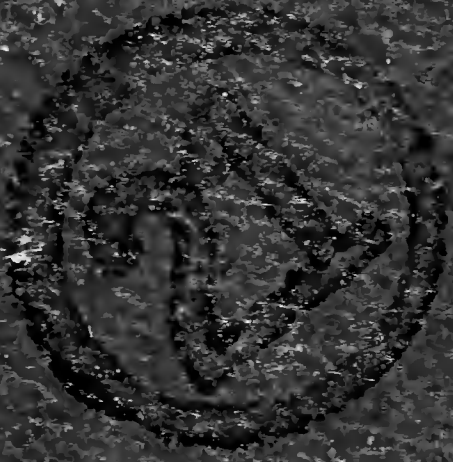
~~33~~
~~11~~
~~9~~
~~28~~
~~175~~
~~19~~
~~134~~
~~188~~
~~37~~
~~185~~

~~248~~
~~185~~
~~313~~

~~17~~
~~9~~
~~217~~
~~7~~
~~34~~
~~2~~
~~56~~
~~6~~
~~42~~

7530-222-0078
FEDERAL SUPPLY SERVICE

GPO c43-16-73124-2



Memoranda

Kume

Kure Island

March 28 - March 30, 1967

C. D. Hackman

Done

CDH



March 28, 1967

✓ADP

Born & Petal

903-03489 on ground

753-33849 in burrow

33027 on ground

33475 on ground

667-39204 AM } 2 eggs (new nest)

697-90199 AF }

667-35051 AF } 1 egg + 1 chick

667-35065 AM }

667-35055 AF }

667-35069 AF } 2 eggs

697-70660 AM } 2 eggs

667-35072 AF }

667-35029 AM } 1 egg

737-98170 AF }

667-35035 AM Roosting

697-24522 AF Roosting

665-35044 AM Roosting

737-98231 AM 1 egg

June 4

Laysan Albatross

732-90265

732-90334

767-45305

96585

737-98023

92702

90729

697-90276

737-90330

697-22810

737-90319

697-90272

737-94925

90600

Wedge-tailed Shearwater

605-21108

615-08764

March 28, 1967 ←

Blue-f. Booby

✓ A.D.P

- 667- 35039 AU roosting
- 737- 45116 AF w/ on-matched chick ✓
- 697- 70921 AM ✓
- 667- 35058 AM - roosting
- 697- 70664 AF roosting
- 667- 39222 AM 2 eggs
- 697- 24502 AM 2 eggs
- 737- 45170 AM ✓
- 737- 45115 AF ✓
- 667- 35046 AF
- 697- 70658 AM
- 70656 AM - 2 eggs
- 667- 35043 AU
- 667- 35047 AF
- 697- 70653 AM

737- 95842 AM 2 eggs ✓

667- 35030 AF

667- 35037 AF 2 eggs

see
next page

→ Kure Island
Blue-f. Booby ✓ A.D.P
Laysan Alb

- 697- 70919 AM pair w last bird
- 697- 24518 AM ✓
- 24519 AF ✓ 2 eggs
- 667- 35052 AF 2 eggs
- 737- 45199 AF roosting ✓
- 667- 35041 AM odd ⁹ singles
- 39221 AF
- 697- 70618 AM
- 667- 35060 AM 2 eggs
- 697- 70623 AF
- 70647 AF
- 737- 45118 AF ✓

Brown Booby

737- 45228 AM ✓

Bonin Is.

753- 32648

March 28, 1967

Kure Island

Blue-f. Booby

VADP

697-70662 AF

737 45178 AM

45112 AF 2 eggs

597-83253 AM

667-35030 AF } 1 egg

35057 AM 1 egg

35028 AF }

697-24516 AM } 2 eggs

70634 AF

667-35059 AM

24512 AF

697-70920 AM } 2 eggs

70652 AF }

667-35068 AM 2 eggs fresh

697-70657 AM 1 egg

737-45195 AF

697-70620 AM

737-98529 AF

45173 AM

Jays - all

697-22894

737-93393

Wedge Tails

605-21602

March 28, 1967
Blue-t Boobies

697-90196 AM 2 eggs

70619 AF

24515 AF

24523 AM } 2 eggs


→ Kure Island
Laysan Albatross

~~737-94890~~

~~667-43679~~

~~Wedge-tail Shearwaters
605-12795~~

Pyle goes back to D.C. next

→ Boy 

Headquarters U.S. Army
Material Command, Wash D.C.
Dated 8 March 67.

Letter Order 03-184
AMCPM Temporary Duty
TDY AS indicated
Midway + Kure CIPAP

Will proceed date on about
15 March approx 30 days
Sec. Clearance Secret.

you coordinate unit mission
ACCT CLASSIFICATION

21X2040 760-3901
P-5672-21/5 42-007

T-3-70537 WO

73101/2121

next line CIC 21X2040
000 42007

Special instructions
fund citation for MAE
Travel only. Admin
authorized to excess
air baggage

Charles F. Contant
for Comrade of US
Army Material



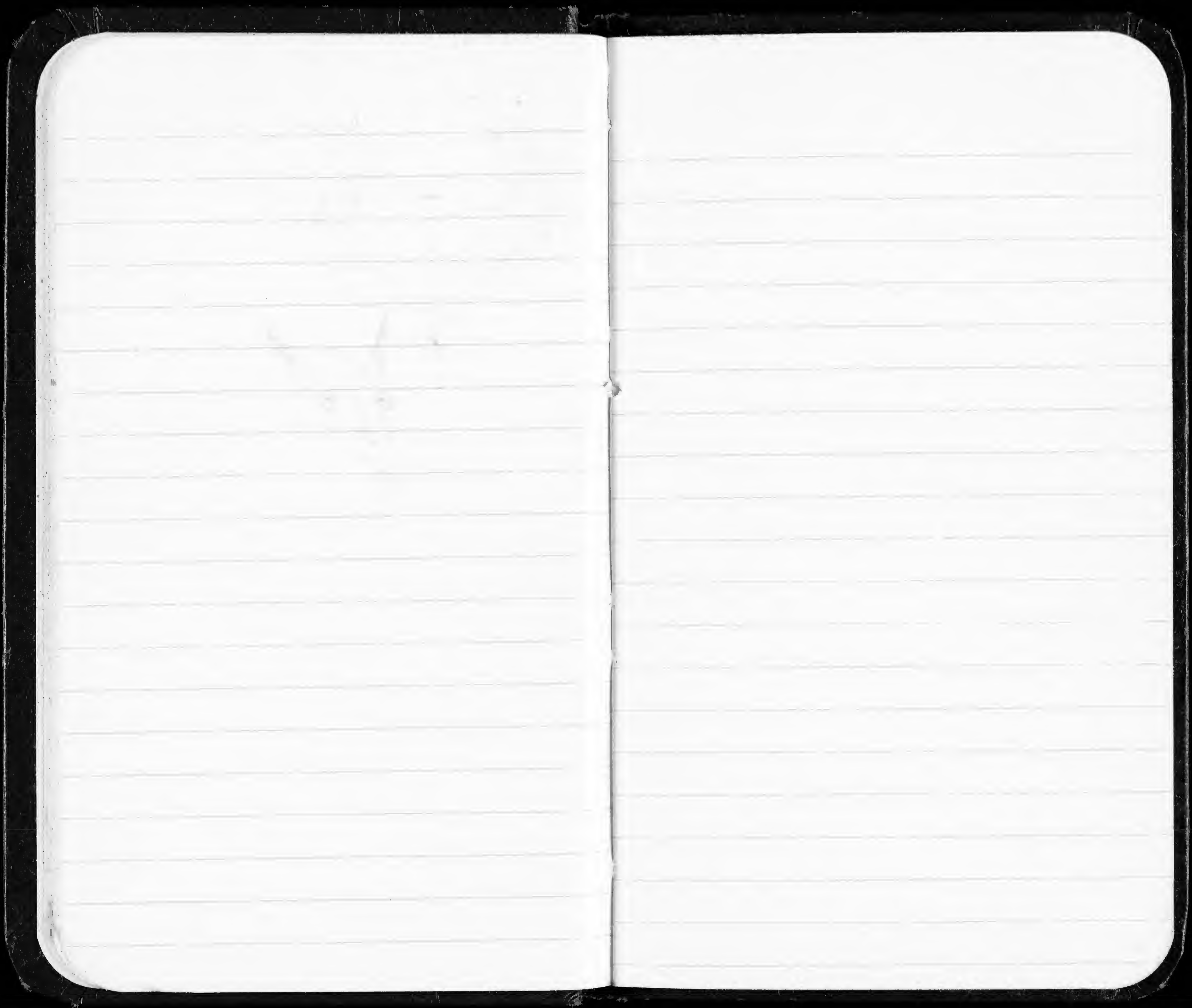
998899

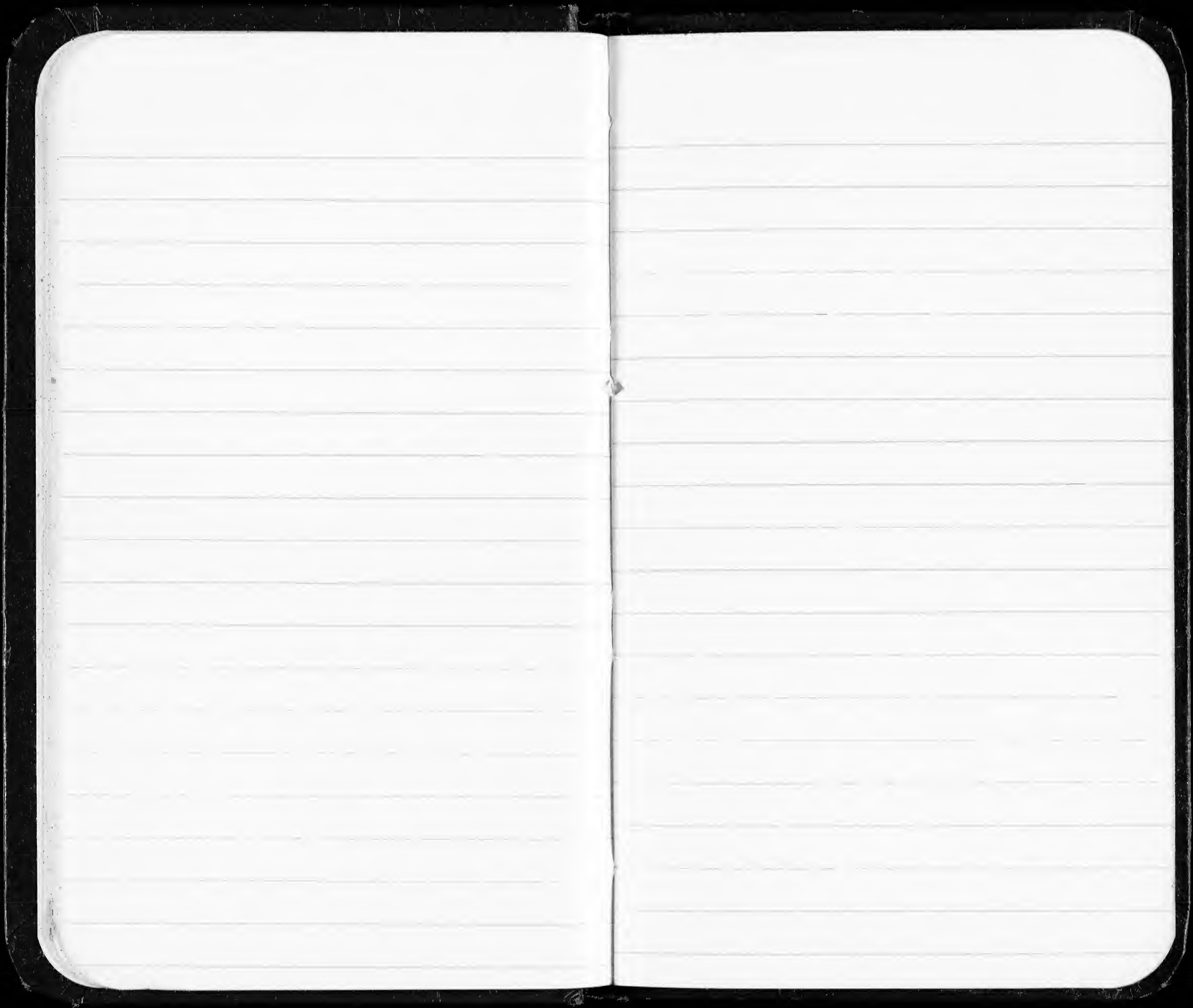
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969

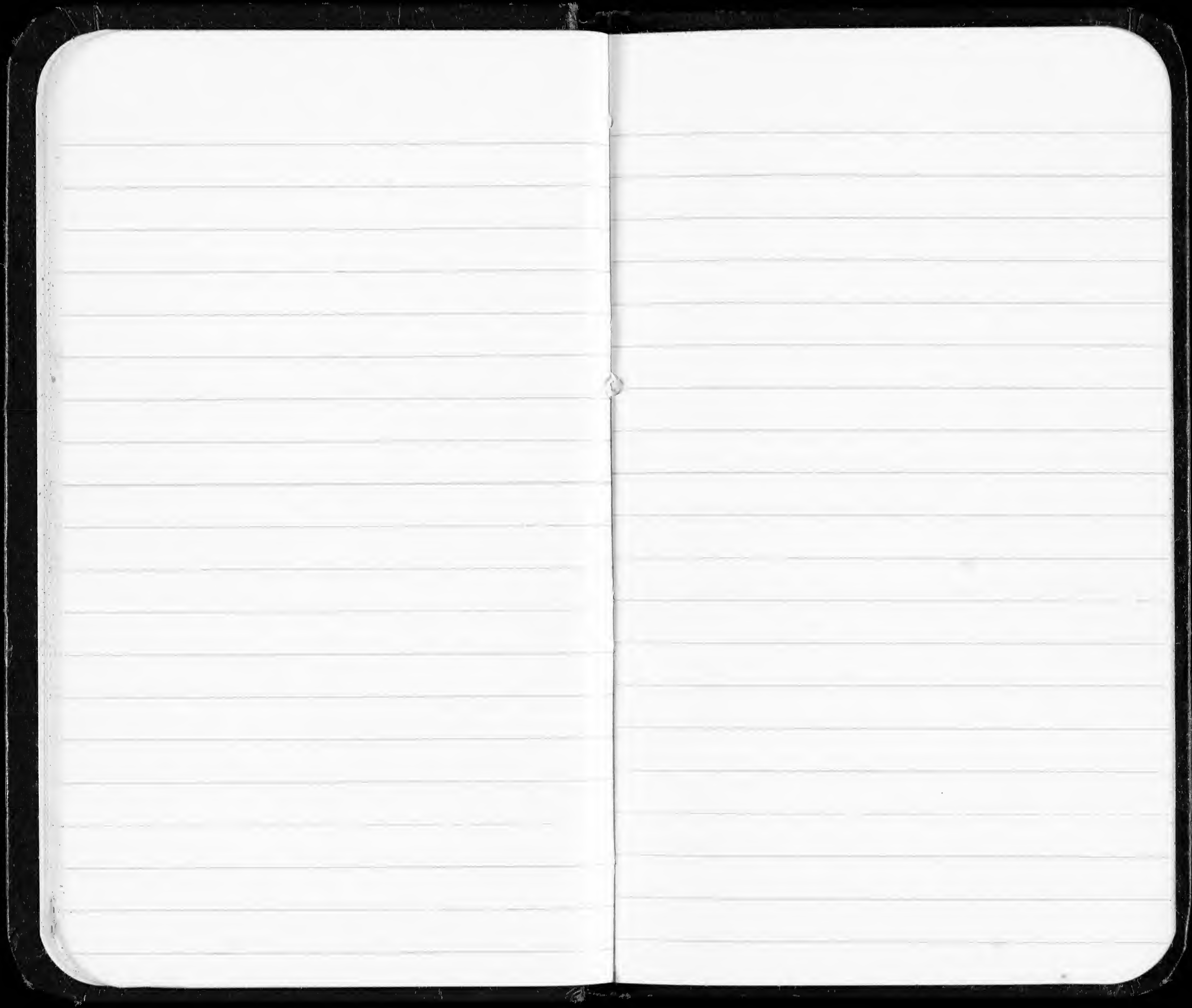
2333





30
199

289



Kure IS. Vegetation

Verbesina sp. knee high through large segment of north antenna field
Euphorbia - small plant scattered in front of barracks
Saw Thistle - plants scattered around barracks

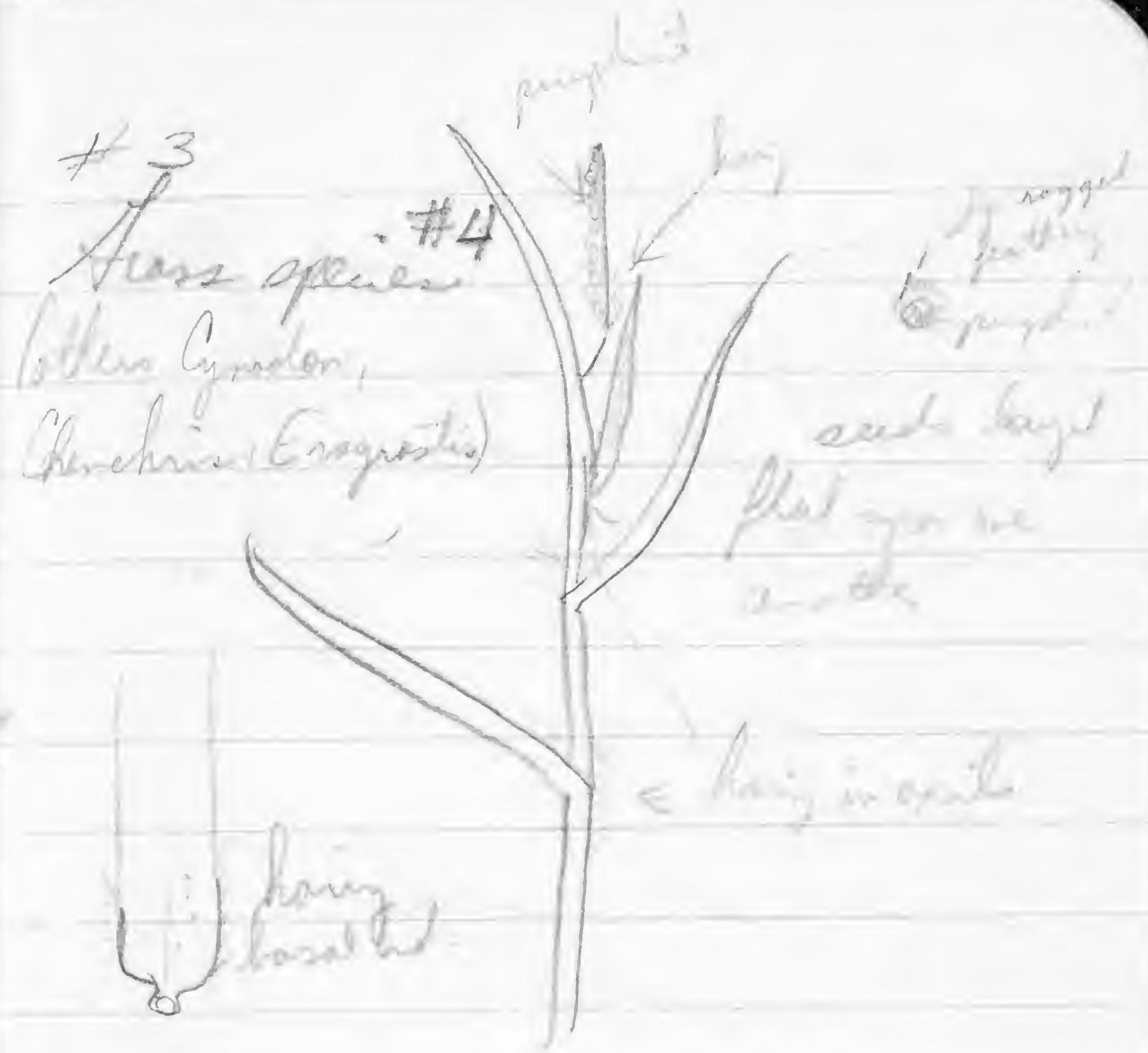
#1 Cynodon sp scattered around barracks
Pursey - toes - around barracks
Boerhaavia - native common throughout island in clumps

Trinobium - common in clear areas
Scaevola - covers 1/2 of island or more in dense thickets to 10-12 feet high

#2 Grass sp. Eragrostis - tall & common in clear areas - Native

#3 Grass Chenopodium (Sawdust grass) introduction in lawn.

#4 grass with spines on root page



Broad leaf 2-3 heads per stalk
leaf 10.35 mm. Each seed
seeds about 2.8 mm wide
Heads about 19.85 mm.

Some type of Eragrostis?
plants about 7 1/2" long from ground to top of head

#5 grass-like common crab
grass 3 pronged head, flat
+ heavy. leaf thin + heavy
in area near basketball court

Oxalis sp. in lawn. intro

Casuarina sp (Ironwood) introduced
in lawn area

Messerschmidia several trees
scattered around island.

Solanum - common in cleared area

Blossing

Cocos sp. introduced near barracks

Grass #6 small Eragrostis type
on north side of basketball court.

Ripening fruit is purplish, lower small
+ long, pointed. Small, daisy grass

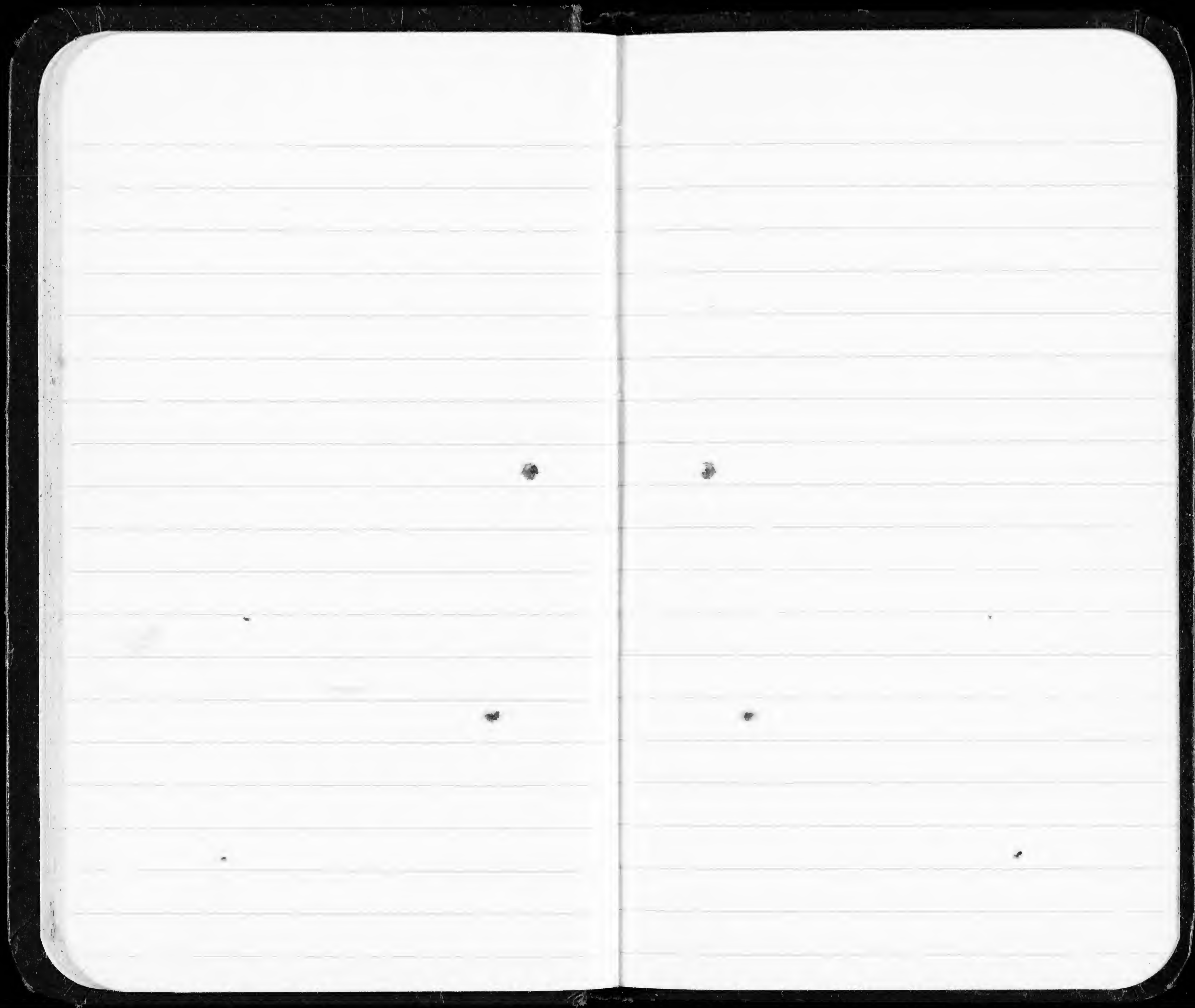
Cordia sp. Several near basketball
court

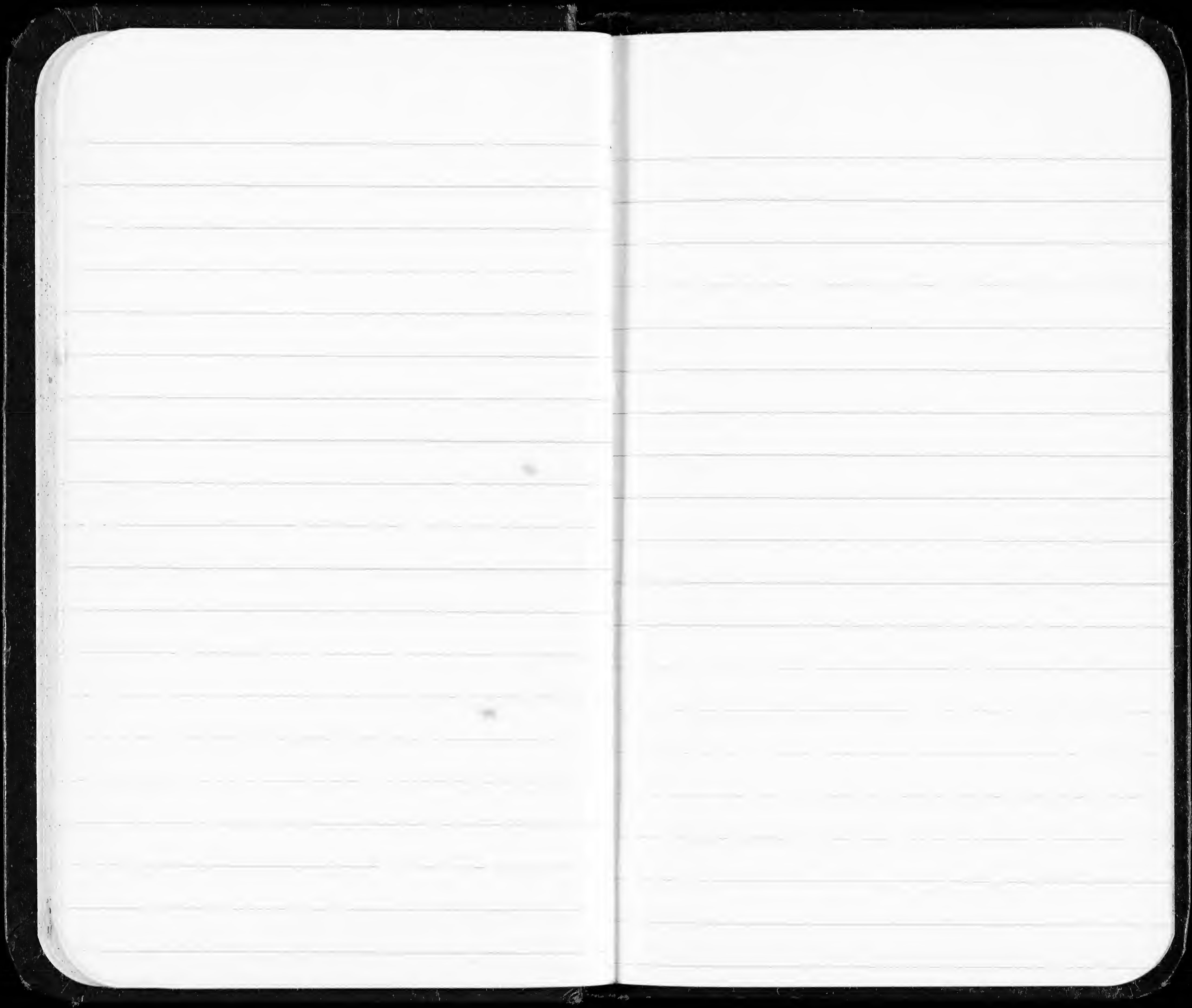
many flowered stalks, small flower
Chick-pea 4 petals, 6 stamens, flower white with ^{yellow} margin _{stem}

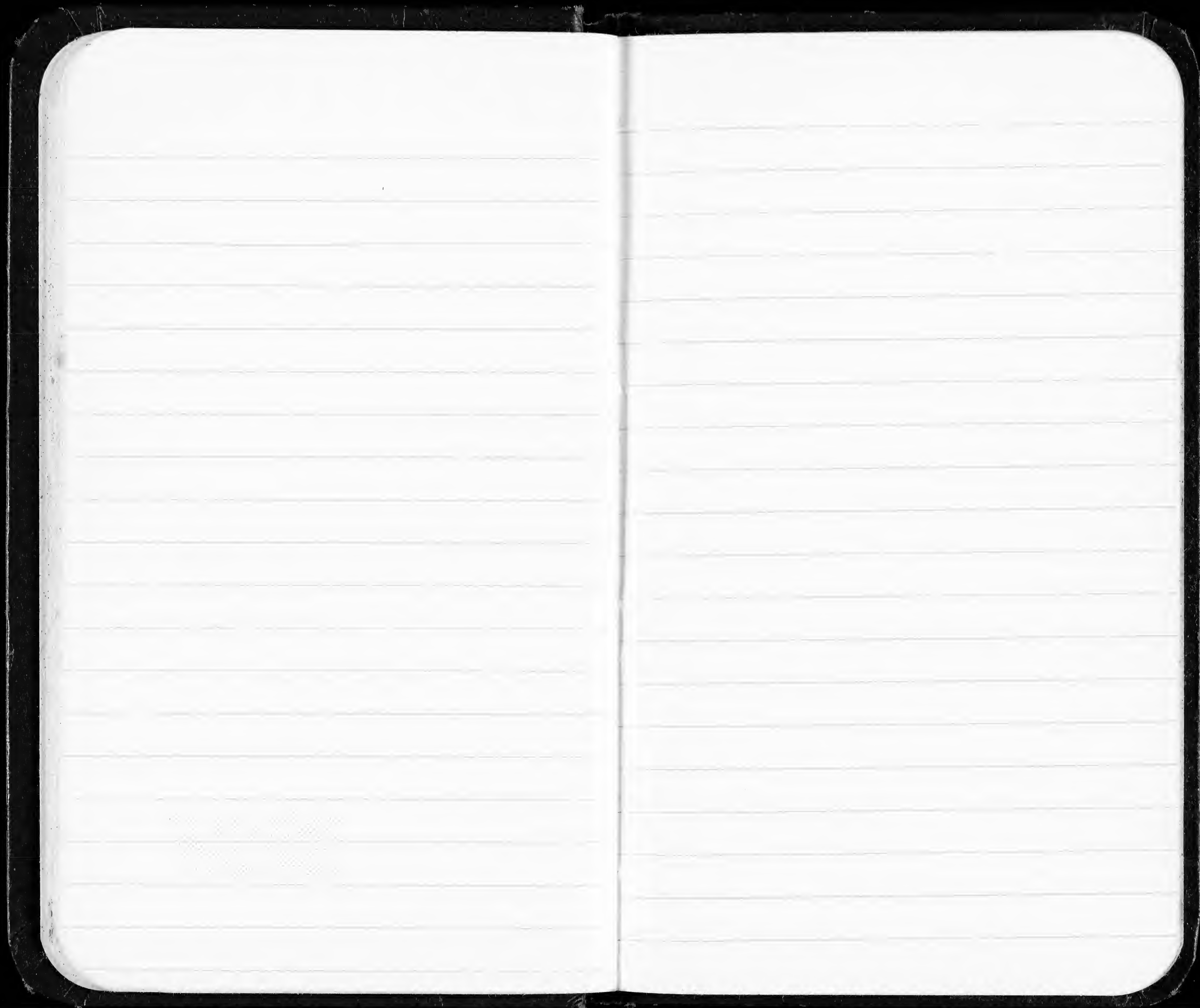
Morning glory - common along edge
of Scaevola + cleared area.

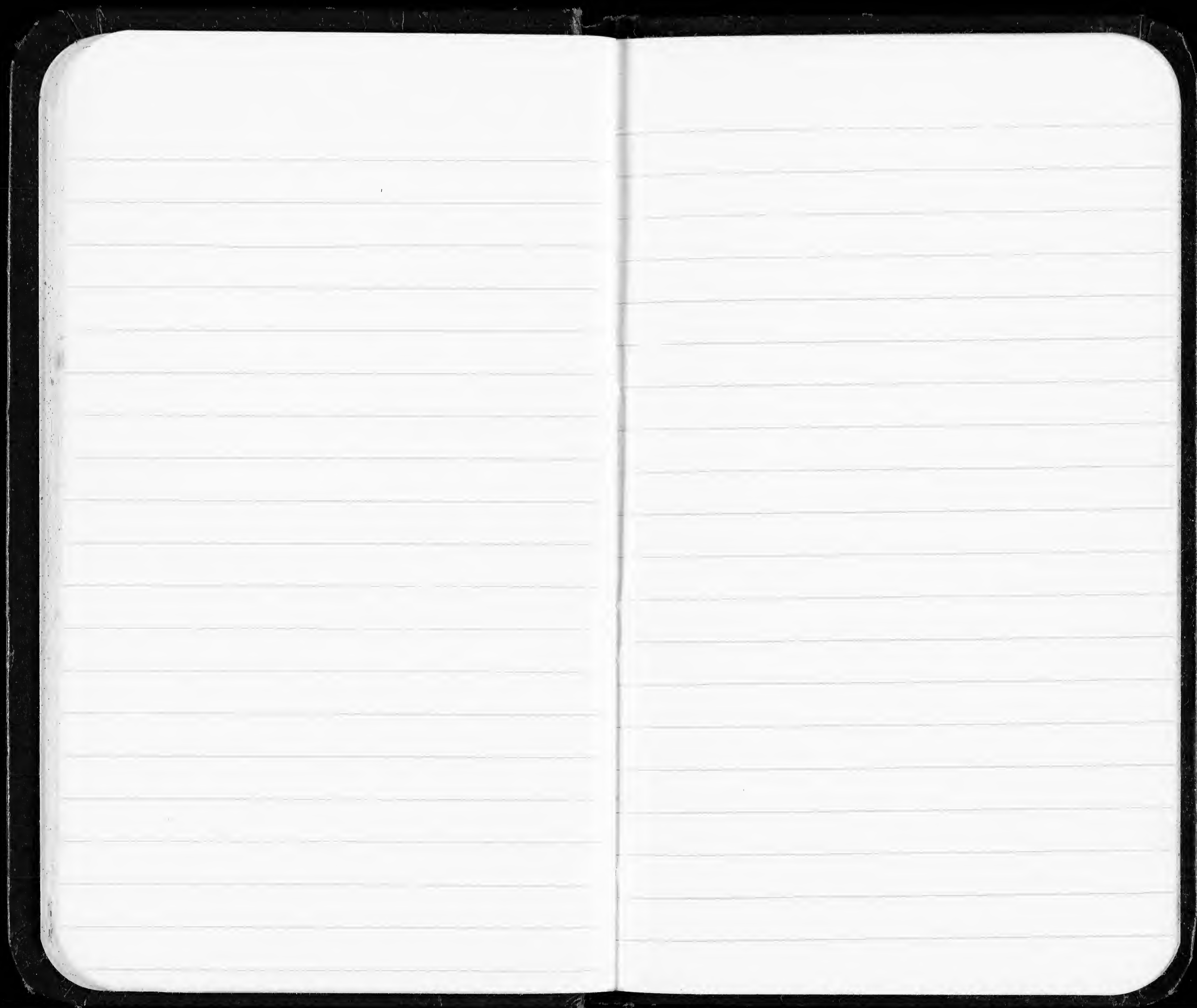
Nightshade species Solanum - small
daisy white flower with yellow center
5 petals. Leaf typical nightshade

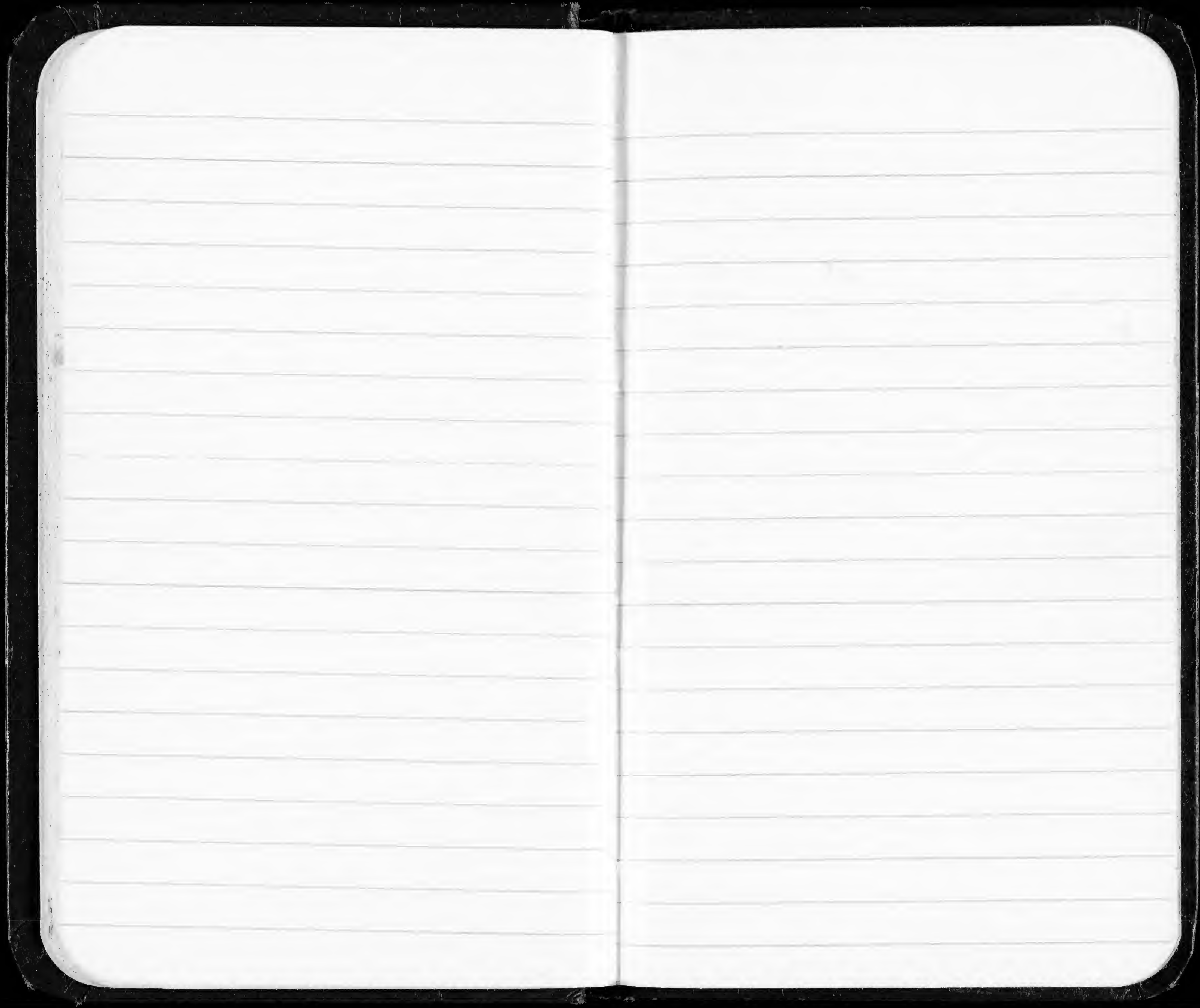
Portulaca sp. small, thick leaves, thin
petalled flower 5 petals white at base, ~~lower~~
lower on tips, ^{stamens} 5 yellow, 5 sepals
alternating w/petals. - on roadway few
barracks to plane spot











Checked - III

March 29, 1967

Red-t. Tropicbird ✓ ADP

635 16234, egg 44.2 x 64.0 mm ✓

615 - 10310 no egg ✓

140 in the air between ^{west} end of island +
plane spot near Jarracha. 1:30 pm

Raining at 1:35 p.m. looks threatening
to the north.

Kure Atoll

March 29, 1967

Laysan Albatross

737-93847

667-39368

Blue 45882

spray 90518

penic 90519

96346

90876

98080

94062

95630

47467

587-66728 San plastic band
and right leg

737-96467

Albatross w/one leg - had trouble walking
for some

697-90363

737-97847

737-93201

737-94094

March 29, 1967

Laysan Albatross

~~737-90886~~

~~93888~~

~~92362~~

~~47285~~

~~93283~~

697-22123

737-45850

96576

95501

96457 w/chick

~~93777~~ 45847

47305

93056

~~737-91745 Bl-f. Alb~~

~~97680 Bl-f. Alb - green on eye~~

(7) 767-45529

45528

45527

737-95733 Laysan Alb

Kure Island

Laysan Albatross

~~737-96612~~

~~767-45329~~

~~737-94511~~

Kine March 29, 1967

Laysan Albatross

597-52782 lock band

767-45335 737-47383

737-96201 95000

94608 767-45321

96002 697-90613

72662 737-90032

95649

93076

597-45493 lock band to plastic leg

737-92762

95539

90524

93659

47447

91766

93535

93840

Laysan All March 29

737-97667

737-47179

737-96279

737-94988

737-96169

91246

93691

99855

92256

92084

95652

6388

94100

597-46632

737-18106

95489

97171

697-22229

84526

90482

767-47465

737-95552

Net of Body
AU Empty
All egg

39.05 x 62.5

42.5 x 61.4

In the interior, being a rough 90° angle between the radar reflector + the antenna mast I found several large chips of meat, square stem, white flang, didn't smell too pleasant - 2 large chips + many smaller, in full blow. Growing in a

clear area. Plants spread over radius of about 6 feet

June 2

Jays albatross

737-97866

96182

96527

19842

45906

98088

95139

95689

92051

95053

99066

90240

93642

90007

96039

94187

93639

93250

93099

667-39689

43614

39249

39259

697-75046

90516

22201

83071

Blue-f. Booby

597-83415 AM

697-24529 AF

Wedge-tail Shear

605-12625

29 March 1967

Jays

✓ ADP

737-92592

96918

Blue-f. Booby

737-45135 AF ✓ 697-70953 AF

667-39210

90649 AM egg

597-83298

737-98532 ✓

45171 AF ✓

45124 AM ✓

667-35062 AM

697-70633 AF

Blue-f Booby

697-24511 AM

70621 AM

737-47002 AF ✓

667-39202 AM

737-45134 AM ✓

737-45120 AM egg

March 29, 1967 ←

Laysan

737-91463

557-65829 tan plastic bed right leg

667-39431

697-85714

697-89290

587-53964 red bed - right leg

697-22609

737-47078

737-91895

47083

96620

90776

95348

95681

95356

95369

96042

97603

→ Kure Atoll

Blue f Booby

597-83265 AF

697-70949 AF

737-45129 AM ✓

| 45105 AF 2 eggs ✓

| 45188 AM ✓

Brown Booby

767-45905 AF ✓

737-98576 AF ✓

697-70637 AM

70948 AF 1 egg

70954 AM

737-96903 AF ✓

45123 AM 2 eggs ✓

98578 AM ✓

45174 AM ✓

45127 AF } ✓

45125 AM } 2 eggs ✓

March 29, 1967 Kune

Blue f Barb Return

697 - 20951 Am

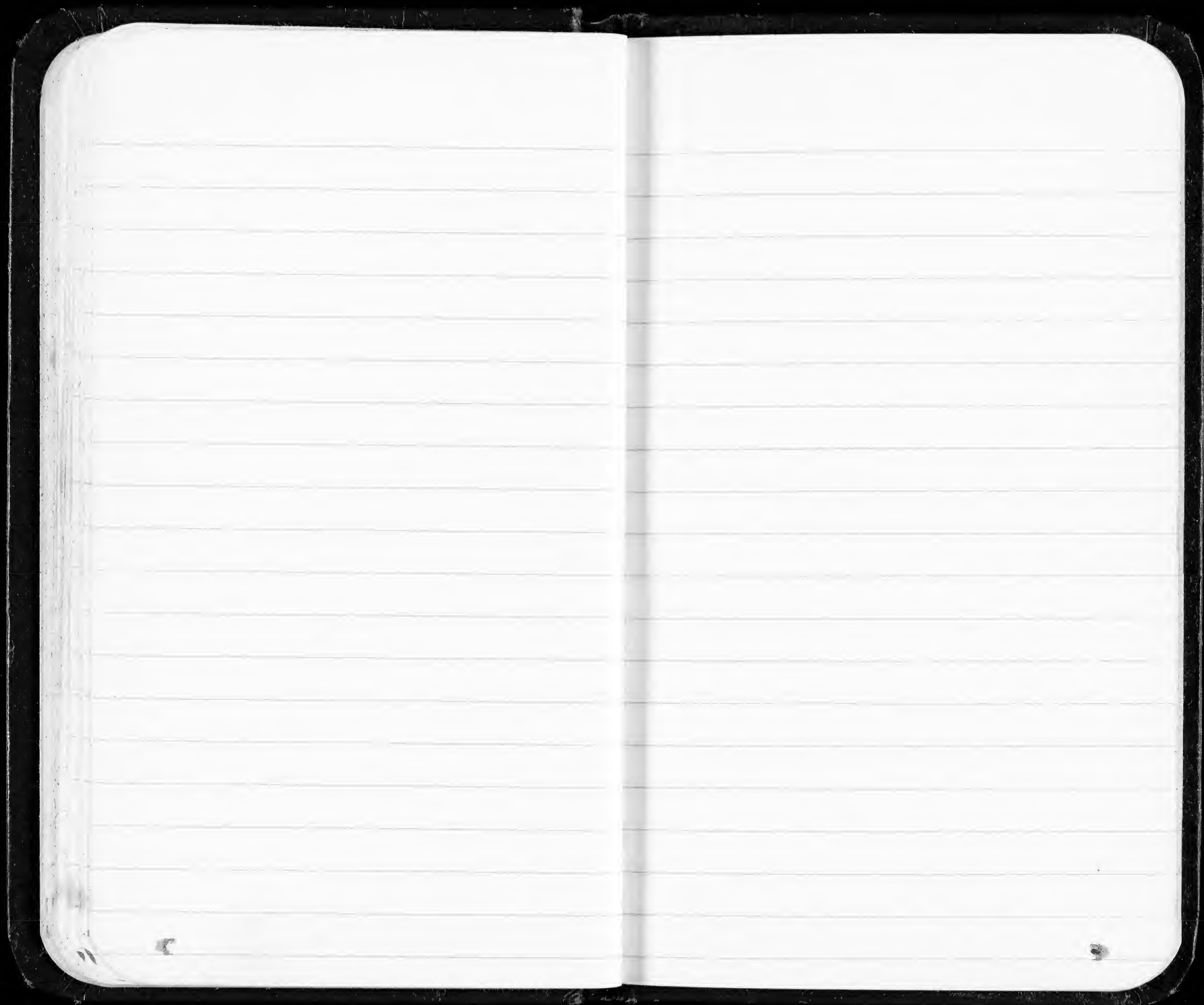
667 - 39211 AF

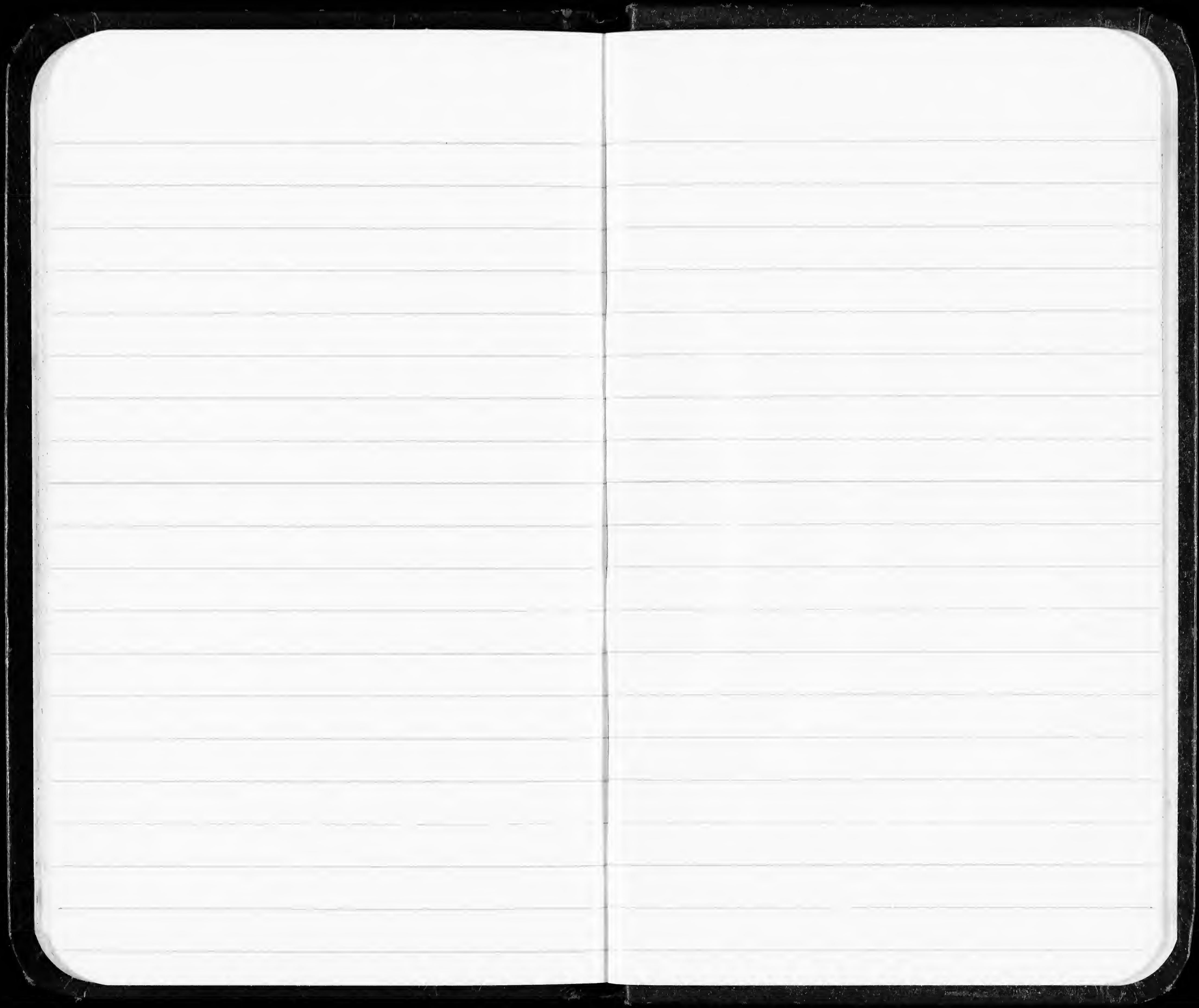
March 30, 1967

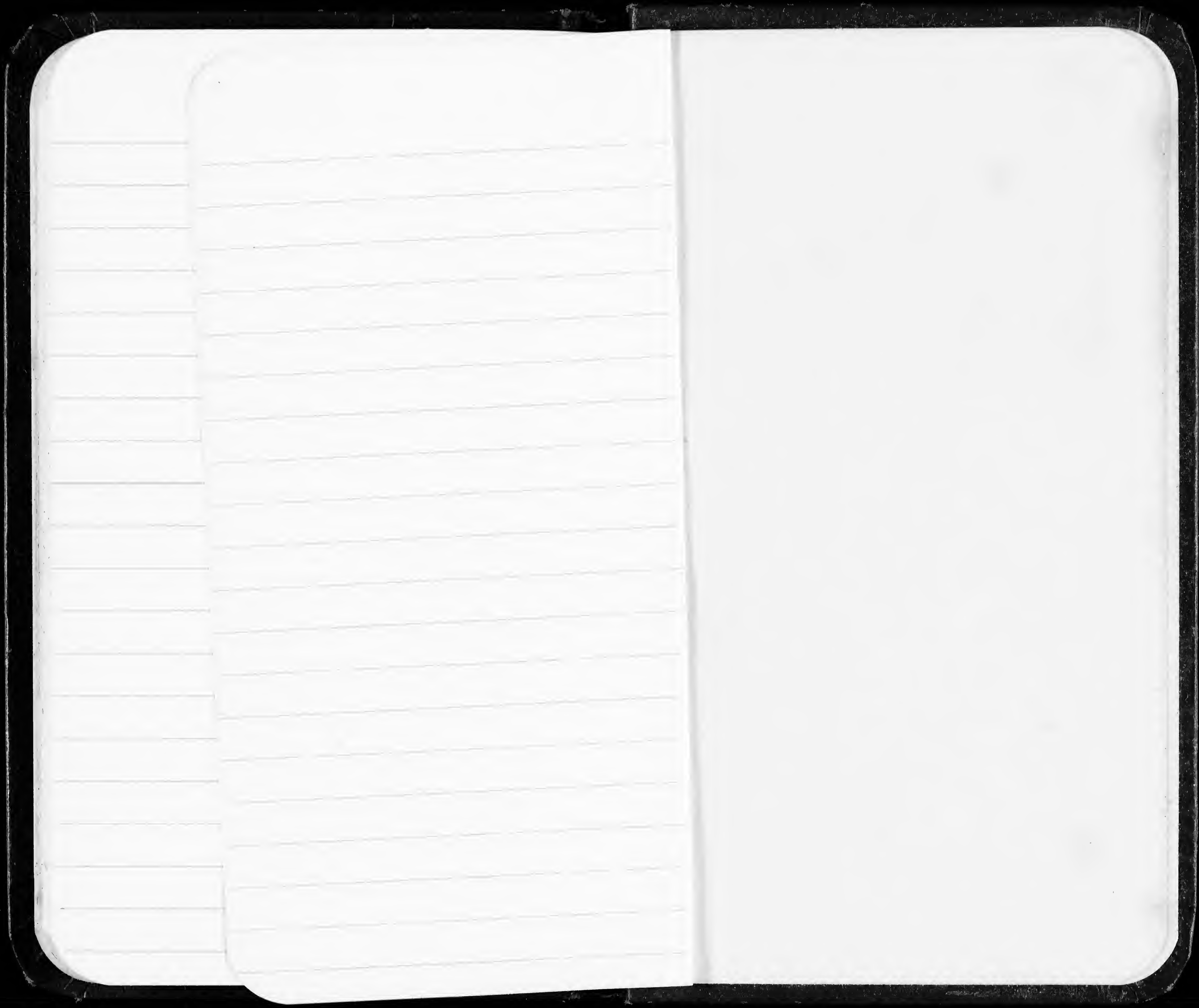
767-46682 red painted (top of
head) Adult in parent of
small Laysan chick found the
other day

Chick weighed 365 grams ± 5

Chick stands about 8" tall erect







76

168

190

434

169

603

+ handled on Kure

Smithsonian Inst.

U.S. Nat. Museum

Natural History Bldg.

Washington, D.C. 20560

64

12

76

21

18

105

62

107

323

67

123

190

7530-222-0078

FEDERAL SUPPLY SERVICE

Memoranda

Kuma

Kure

Bulmer

April-May 1967

page

77

2 May
~~30 April~~ 06

Brown Booby

Nest	1 egg	2e	egg
1/1	1/1	1/1	1/1
		1	

~~30 April~~ 2 May 06

Blue-faced

Nest	1e	2e	ch	N
X	1/1	1/1	1/1	1
		1/1	1/1	
	1/1	1/1	1/1	
			1/1/1	

4 eggs layed between 1300-1315

30 April

Sooty Tern Recovery

903-09717

903-09441 15 April

30 April

Laysan Hawk

Returns

Saved

- 1. ~~737 91973~~
- 2. ~~15372~~
- 3. ~~45783~~
- 4. ~~91702~~
- 5. ~~692-07198~~ 4
- 6. ~~667-47935~~ 3
- 7. ~~737-93576~~
- 8. ~~93419~~
- 9. ~~567 39393~~ 2
- 10. ~~737 95095~~
- 11. ~~95331~~
- 12. ~~4 91877~~
- 13. ~~96301~~
- 14. ~~97015~~
- 15. ~~757 73272~~
- 16. ~~737-15318~~
- 17. ~~45454~~
- 18. ~~94045~~
- 19. ~~587 72354~~
- 20. 757-73154

30 April

Bonin Is Returns

~~903-03143~~

~~-13175~~

~~13164~~

Wedgetown Returns

~~615-08196~~

~~08133~~

~~09101~~

~~09304~~

~~635-16615~~

~~16376~~

~~21091~~

~~16805~~

~~21689~~

~~24088~~

} PT

~~645-25442~~

~~605-21178~~

~~12833~~

~~21721~~

~~12756~~

~~21181~~

~~635-16606~~

~~21037~~

~~16654~~

~~16423~~

31 April 12 weeks ~~tail length~~

31 April

~~Bl foot Returns~~

~~737.97487~~

~~597 27066~~

~~737 93045~~

1 May

~~Sooty Terns Return~~

~~903-09135 RP D~~

1 May

Sooty Terns layed today
about 150 eggs layed last night
rough estimate of 1 out of 5 banded

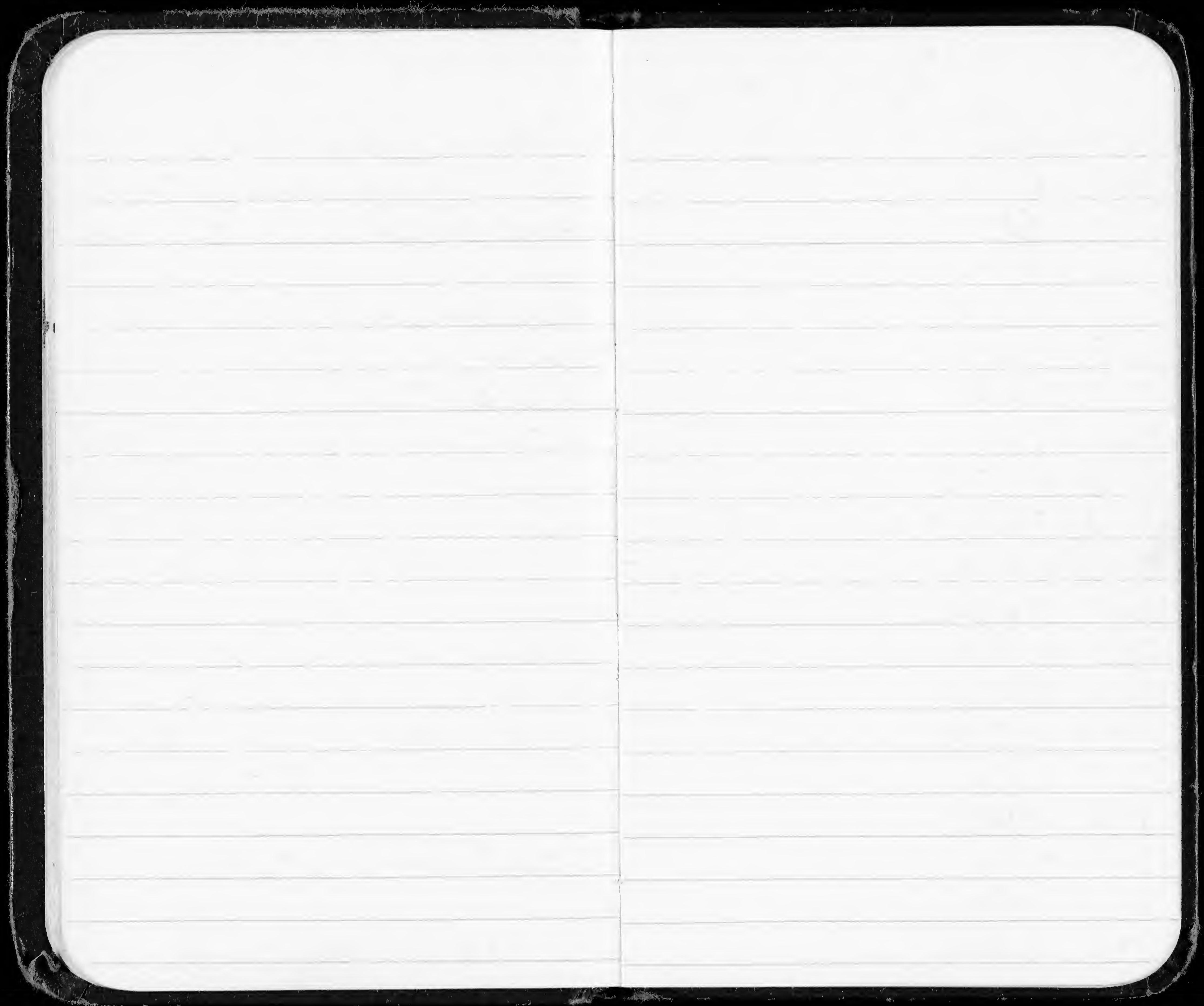
Greybacks on N. beach 10±
+ 1 over runway
+ 8 by boatdock
3 CNT eggs N point

Sooty Swirl = 60±5 at 1845

Haw Noddy - 16 in lagoon 1845
5 N. Beach 1900 - 85±5
2000 400±10%

34 ps B Ford A = most interesting

12 Xmas Is Show.



Sooty Tern
Returns on egg
May 1

~~863-07031~~

~~903-05399~~

~~903-06721~~

903 11908

~~773-19770~~

~~793-96667~~

~~793-94636~~

~~903-06463~~

~~793-95762~~

913-28293 blue were off

~~793-20009~~

~~903-04672~~

~~793-23530~~

~~903-09313~~

~~903-06974~~

903-11396

~~903-07787~~

~~903-01740~~

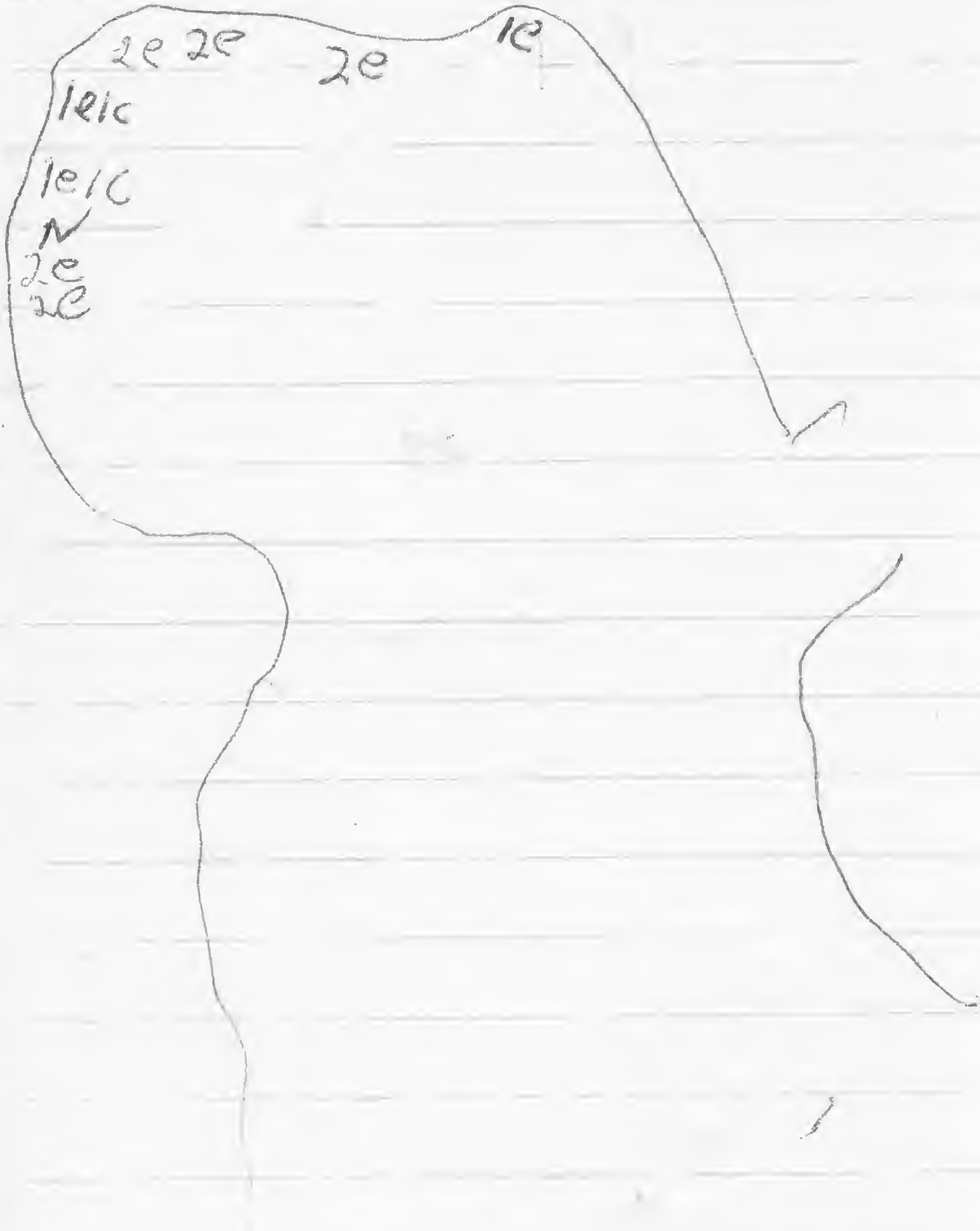
~~863-01124~~

~~793-21352~~

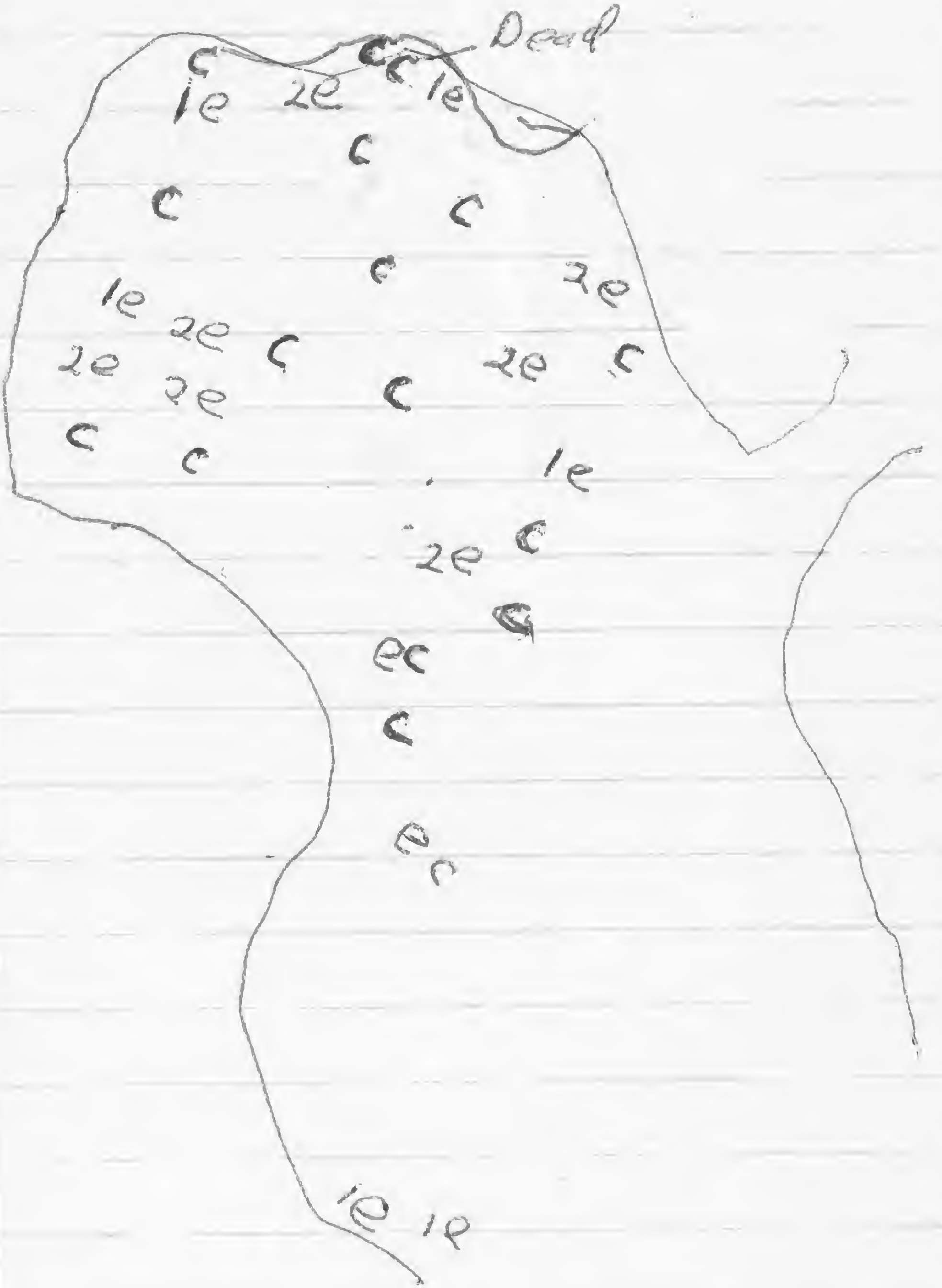
May 2

Blue area 1 cable to 5
400 Terns No eggs yet

BB N. of Tower



B1+B N. of Tower



B 1-B Seva
May 3.

- 21 ~~697-70621~~ ♂
- 22 ~~737-47002~~ ♀ 1e
- 23 ~~737-96903~~ ♀ c
- 24 ~~667-39202~~ ♂ 2e
- 25 ~~667-39210~~ ♀ 1e
- 26 ~~667-39223~~ ♂ 2e
- 27 ~~697-70649~~ ♂ c
- 28 ~~667-35064~~ ♀
- 29 ~~737-45126~~ ♀ c
- 30 ~~697-70949~~ ♀

May 4 Bonnie Returns

~~903-03255~~

~~903-14777~~

~~903-63377~~

~~793-21096~~

~~793-20823~~

~~903-03114~~

753-33739 V

753-33715 V

~~793-20479~~

~~753-33815~~

~~793-20670~~

~~903-03010~~

~~753-33815~~

~~793-20630~~

~~903-03144~~

~~793-21118~~

~~753-33996~~

903-15093

~~793-20275~~

753-33729 V

May 4 Wedgetad Returns

c Roost

Red foot Ad	S Ad	S Ad	Frigate ♀	♂
HH 88	2	18	20	7
126	3	18	25	9
144	12	19	28	11

S Roost

Red foot Ad	S Ad	Frigate ♀	S Ad
28	1	0	3
31	1	0	3
33	2	0	3

MON 5
S-P Area 12

lay

23

weeds

30

Benin

||||
|||

17

May 6

GP	WT	R	C
III	III	III	
I	I	III	
		III	
		III	
		III	
		III	
		III	
		III	

Notified

III

~~III~~

Sooty Plovers
May 6

1 = 22 eggs

2 = 8 "

3 = 1 egg

N1 = 7 eggs

BFA

~~||||~~ ~~||||~~ 1.

BBooby

1 ad ♀

L.A.

~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~
~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~
~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

7 May Shorebirds

GPR	NB	RT.B + NB
III		III
II		

Tattler

III

Seal

III III

Estimates

- 25 G Plover
- 5 Tattler
- 40 Ruddy Turn
- curlew?

Tropicbird 1

10 with eggs



BFB

- 1 1e
- 2 eng + chick
- 3 LAY
- 4 2 Water Chicks
- 5 SDC
- 6 SPC
- 7 2e
- 8 1e
- 9 LAY
- 10 2e
- 11 2e
- 12 SDY
- 13 SDY
- 14 SDY
- 15 1 clear chick
- 16 SDY
- 17 2e
- 18 SDC
- 19 SDC
- 20 1e

BFB

- 21 LDC
- 22 SDC
- 23 1e
- 24 LDC
- 25 1e
- 26 1 chick
- 27 SDC
- 28 1e
- 29 2e
- 30 1e
- 31 SDC
- 32 SDC
- 33 2e
- 34 2e
- 35 2e
- 36 2e
- 37 1e
- 38 1e
- 39 2e
- 40 LDC

BFB May 7

41 spc

42 2e

43 spc

44 1e

45 1e

46 1e

47 spc r (e in table)

48 1e

49 1e

BB May 7

1 1e + 1 noted chick

2 2e

3 1e

4 2e

5 2e

6 2e

7 1e

8 noted chick

9 noted chick + egg

10 1e

11 2e

12 2e

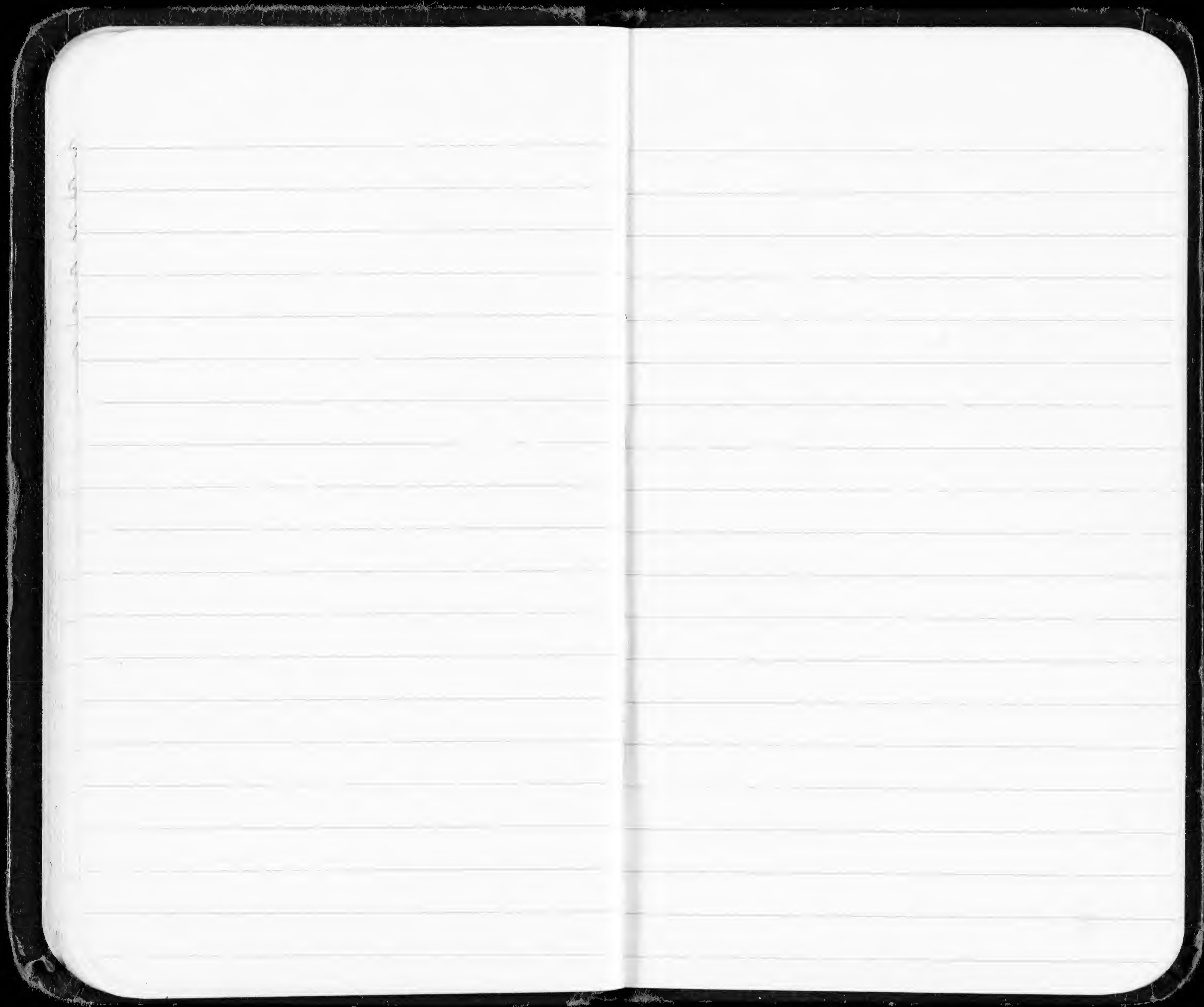
13 2e

14 2e

15 2e

16 1e

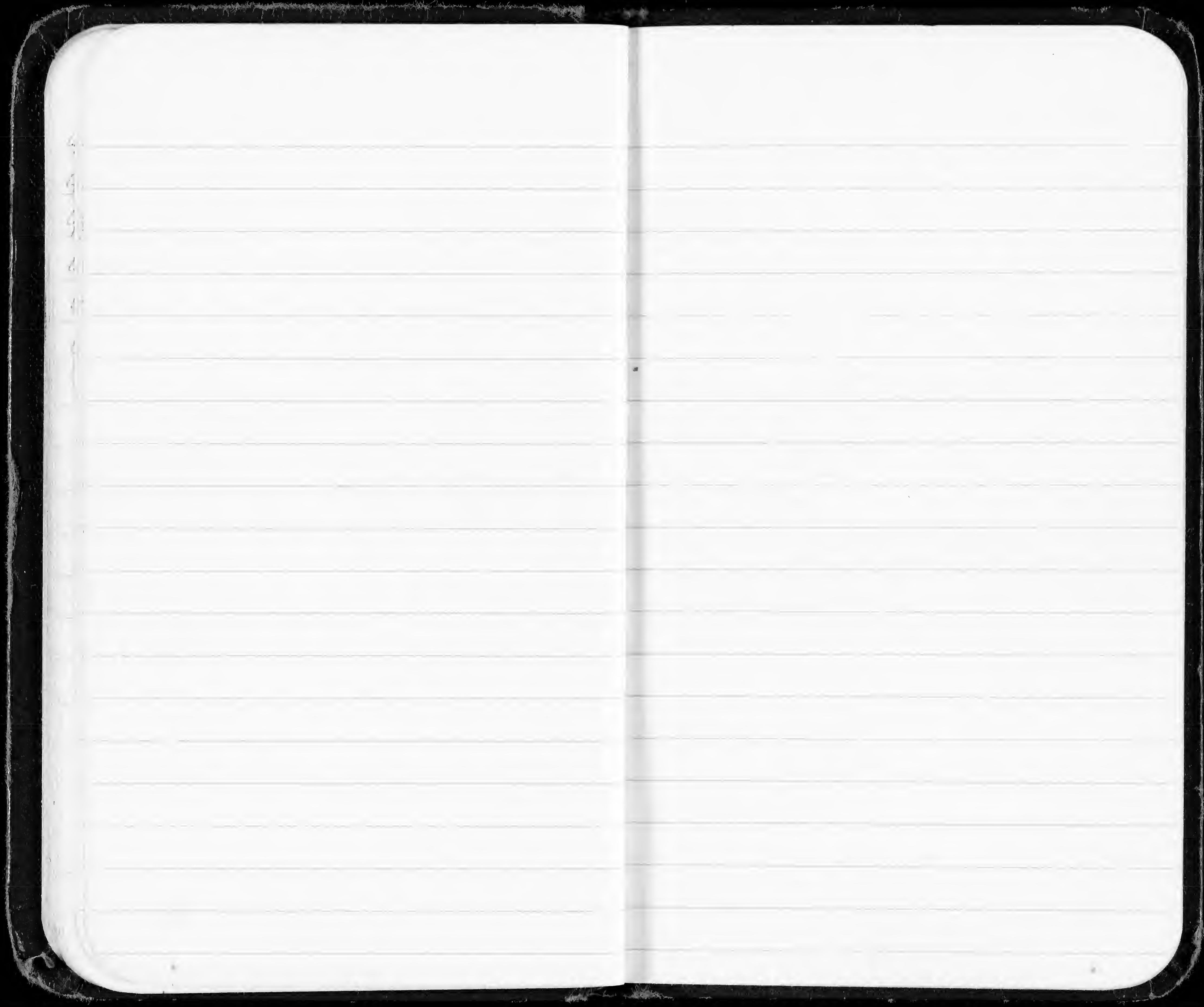
17 1e.



Laysan Sera Samples May 7 21-7 50052

1 737 96180
2 737 76402
3 767 45378
4 737 72384
5 737 93062
6 737-96690
7 737 95794
8 697 90327 ✓
9 737 94490
10 737 94319
11 737-92507
12 737 92145
13 737 76463
14 737 95752
15 697 90348 ✓
16 737 96484
17 67 39034 ✓
18 67 39080 ✓
19 737 96538
20 617-79454 ✓

21 737 95292
22 737 94468
23 737 96513
24 737 47439
25 737 98265
26 737 96877
27 737 95203
28 737 99030
29 737 96346
30 737 92075



4
5
6
7
8

3FB ~~with~~ most check
May 8

1 ie

2 ~~667 392079~~ ie 4 check

3 LPC

4 667 350559 2 no check

5 SPY

6 SPY

7 2e

8 667 350358 ie

9 LDY

10 2e

11 2e

12 SPY 737 4512W♀

13 SPY

14 SPY

15 naked chick

16 SPY

17 667 350598 2e

18 SPY

19 SPY

20 2e

21 LPC

22 SPY

23 ie

24 LDY

25 ie

26 - 7 39221♀ SPY

27 SPY

28 667 350469 ie

29 2e

30 737-95842♂ ie

31 SPY

32 SPY

33 2e

34 2e

35 2e

36 2e

37 2e 737-45135♂

38 737-45120♂ ie

39 2e

40 SPY

BFB

Nest
May 8

41 SPY

42 2e

43 737-96903 ♀ SPY

44 697-70621 ♂ 1e

45 1e

46 1e + imm *happily* from ♀

47 SPY

48 1e

49 67 39207 ♀ 1e

50

chick

BFB

1 2 naked chick

2 2e

3 1e

4 2e

5 2e

6 2e

7 1e

8 1 naked chick

9 1 egg + SPY

10 1e

11 2e

12 2e

13 2e

14 2e

15 2e

16 1e

17 1e

18 1e

Share bird 7/17/12

GP

R T

U S

~~||||~~ ~~||||~~

~~||||~~

~~||||~~ 1

~~||||~~ ~~||||~~

~~||||~~

~~||||~~ ~~||||~~

~~||||~~

~~||||~~ ||

~~||||~~

~~||||~~

~~||||~~

[Large handwritten scribble]

0

3000

~~||||~~ ~~||||~~

~~||||~~ ||

+ 3 length jumps

BFB

1 ie

2 ie naked chick

3 LPY

4 Naked chick

5 SPY

6 SPY

7 ~~ie~~

8 ie

9 LPY

10 2e

11 2e

12 SPY

13 SPY

14 SPY

15 naked chick

16 SPY

17 2e

18 LDC

19 SDC

20 2e

Nest check
9 May

21 LDC

22 SDC

23 ie

24 -DY

25 ie

26 SPY

27 SPY

28 ie

29 2e

30 ie

31 SPY

32 SPY

33 2e

34 2e

35 2e

36 2e

37 2e

38 ie

39 2e

40 SPY

BFB

Nest
9

41 SPY

42 2e

43 3R

44 1e

45 1e

46 1e

47 SPY

48 1e

49 1e

50 1e

Crack BB

Map

1 2 naked chicks

2 2e

3 1e

4 2e

5 2e

6 2e

7 2e

8 SPY

9 1 egg 4 SPY

10 1e

11 2e

12 2e

13 2e

14 2e

15 2e

16 1e

17 1e

18 1e

19 1e

Central Roost

RFB _{Ad}	S. Ad ♂	Frigate ♀	imm
71	2	9	14
98	5	15	17
101	6	16	18

South Roost

RFB _{Ad}	S. Ad	♂	♀	imm
18	1		1	
19	1		1	
22	1		1	

Haw Nod
400 ± 10%

B.B. Ad 1
1

BFB

nest

- 1 1e
- 2 naked chick
- 3 LDY
- 4 naked chick
- 5 SPY
- 6 LDY
- 7 2e
- 8 1e
- 9 LDY
- 10 2e
- 11 2e
- 12 SPY
- 13 SPY
- 14 SPY
- 15 naked chick
- 16 SPY
- 17 2e
- 18 SPY
- 19 SPY
- 20 2e

check
May 10

- 21 LDY
- 22 SPY
- 23 1e
- 24 LDY
- 25 2e
- 26 SPY
- 27 SPY
- 28 1e
- 29 2e
- 30 1e
- 31 SPY
- 32 SPY
- 33 2e
- 34 2e
- 35 2e
- 36 2e
- 37 2e
- 38 1e
- 39 2e
- 40 LDY

BFB

Nest
1994

- 41 SPY
- 42 2e
- 43 SPY
- 44 1e
- 45 1e
- 46 1e
- 47 SPY
- 48 1e
- 49 1e
- 50 1e

Check BB

- 1 Naked chick
- 2 2e
- 3 1e
- 4 2e
- 5 2e
- 6 2e
- 7 2e
- 8 SPY
- 9 Naked chick + egg
- 10 2e
- 11 2e
- 12 2e
- 13 2e
- 14 2e
- 15 2e
- 16 2e
- 17 2e
- 18 1e
- 19 1e

R.T. Tropicbird Behavior

A Red-tail was observed in
a cup seawater trying to get out.
The male (smaller bird) had
by about effect. He proceeded
through the seawater by
hooking their heads over a
branch with the bill pointed
down, and pulled themselves
through. Progress was made
upward and down in the ^{following} ~~same~~
manner. Wings were half
opened feet were spread apart
and the bird leaped like a
frog with its feet stretched into
ball in the sand and regained
position with its wings & feet.

Both birds did this and
after a series of leaps each
termed shook the sand out of
their bills and took a couple of deep breaths of air

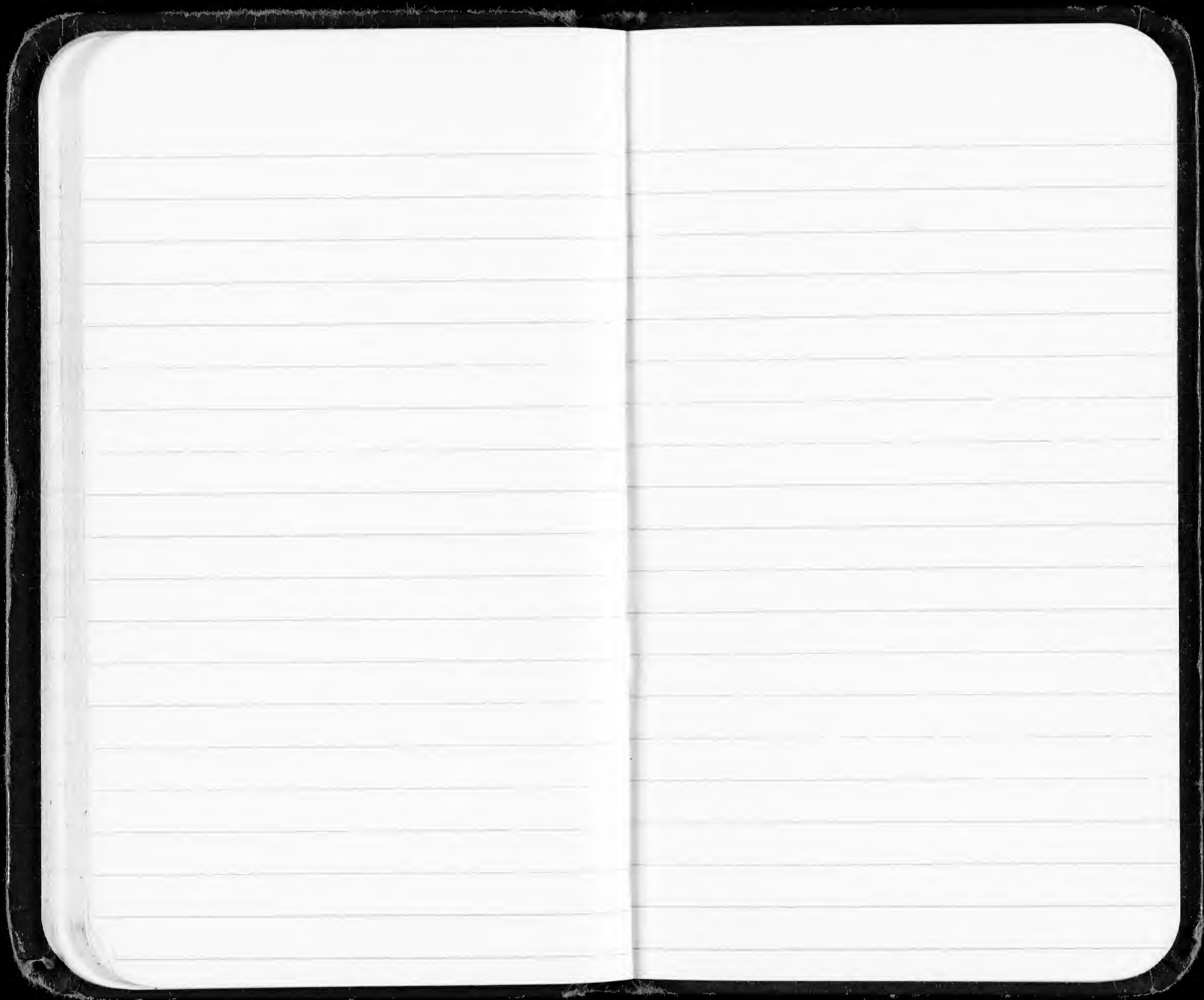


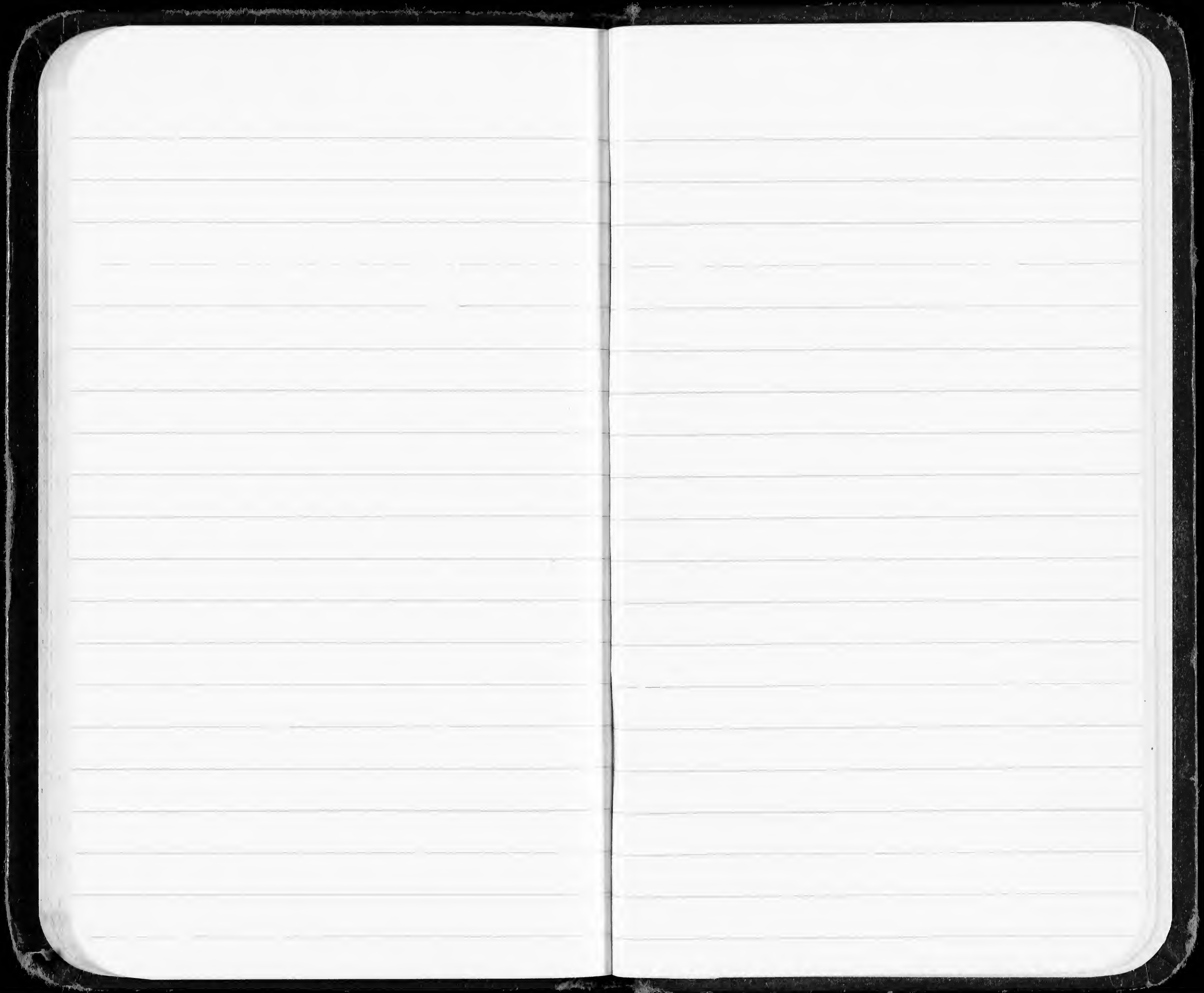
Grey Bush Returns
May 10

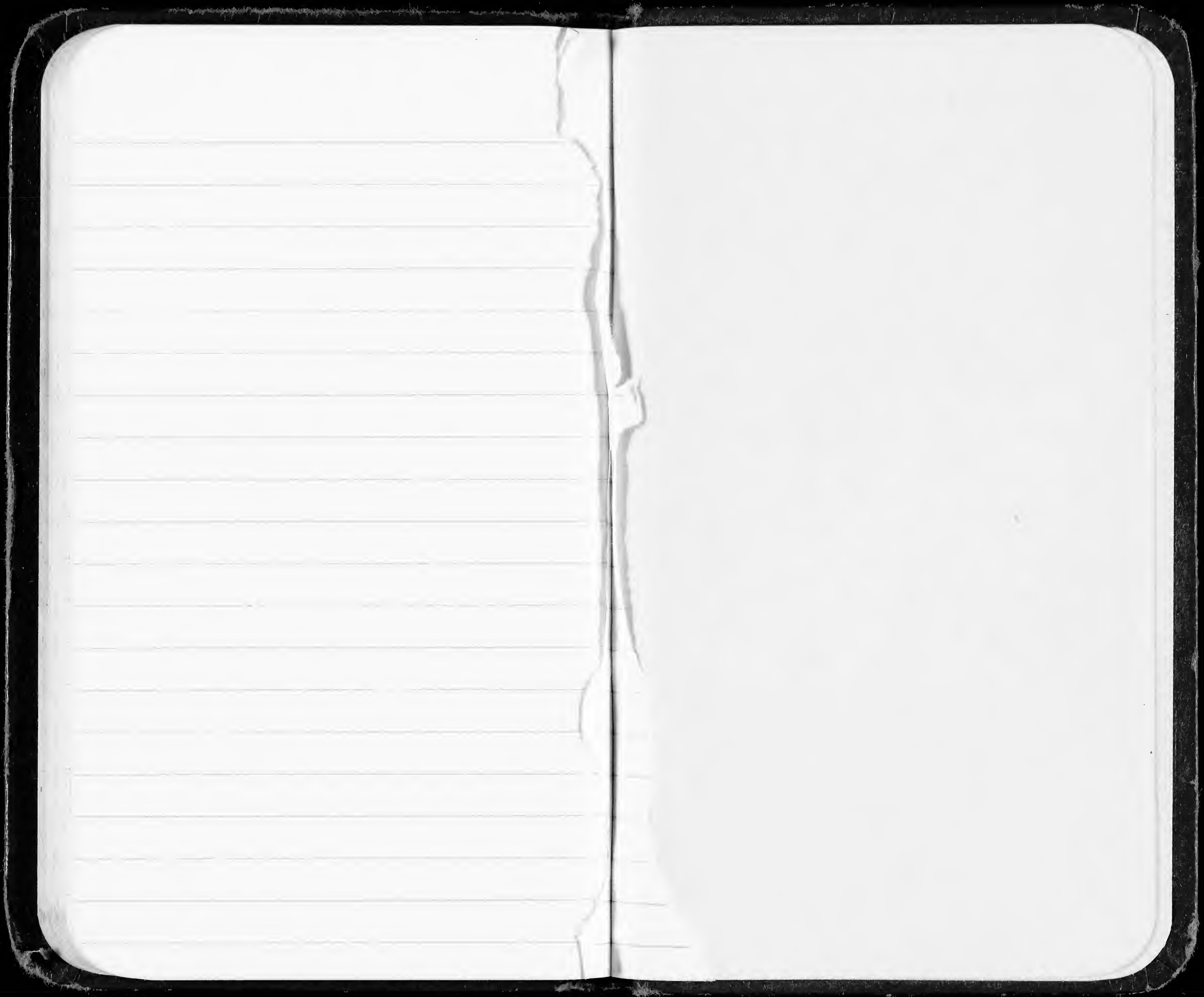
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