

*Memoranda*

SIC # 5 1964

Palmyra Is., June 5

Christmas Is., June 18

McKean Is., July 19-20

Howland Is., July 23-24



✓ ADP

one 9/21/68

~~Soc Sec, Texas July 19~~  
~~723-68177~~  
~~743-38380~~  
~~743-36728~~

65501

July 1964

Palmyra Is.

5 June 1964

Red-footed Booby

747-55101 -

Common Noddy Ad

753-01502-04



Sand Island

Brown Boobies - 10-20

Frigates - 10<sup>±</sup>

Common Noddies = 100 few nest

H. Noddies = 1000 <sup>numerous</sup> nest

Red-footed Booby - 800<sup>±</sup> no nest

shore birds

Red-footed Booby

747-55360 - 400/

747-56201 -

741-56101 -

747-56154 - Im. + 156



~~Phoenix Island.~~

~~544-10875~~

~~30738~~

Nestling

~~30736~~

~~10768~~

~~June 18~~

~~Phoenix I. Petrel Molt ~~to~~ Tabu~~

~~514-75691~~

~~Dead~~

~~Red-tailed T-bird~~

~~30 - ~~eggs~~~~

~~C.I.S~~

~~N-56 544-10927~~

~~lapped~~

Phoenix Island

~~49 212~~

~~N~~

~~072~~

~~234~~

~~093~~

~~250~~

~~077~~

~~225~~

~~011~~

~~227~~

~~037~~

~~277~~

~~284~~

~~294~~

~~292~~



wedge

~~565-17601~~

~~595-65322~~

~~565-17654~~

17689

wedge-tailed

~~605-20401-500~~



McKean Is. July 19 ADP

737 - 29566 F ✓

757 - 639(25) M ✓

49924 M w N ✓

- 29571 F w N ✓

26 M

27 M

28 S

29 F

- 26046 F ✓

30 M

31 F

32 F

33 S

- 29573 F w N ✓

- 51016 F ✓

- 23780 M ✓

- 49917 M 20995 ✓

- 29502 M ✓

- 51013 F ✓



July 19 ADP

23581 M w N ✓  
 23770 M eggs ✓  
 23775 M ✓  
 34 F w N ✓  
 49887 M legs ✓  
 35 F eggs ✓  
 36 F eggs ✓  
 49886 F eggs ✓  
 21508 F eggs ✓  
 49873 M w N ✓  
 49999 F eggs ✓  
 37 M ✓  
 51001 M eggs ✓  
 38 M eggs ✓  
 23658 F legs ✓  
 39 M eggs ✓  
 23878 M eggs ✓  
 40 F eggs ✓

✓ADP July 19

51097 F eggs ✓  
 41 F eggs ✓  
 42 M legs ✓  
 49995 F legs ✓  
 43 M w N legs ✓  
 51093 M eggs ✓  
 23677 M eggs ✓  
 23798 M legs ✓  
 23832 M w N ✓  
 44 M w N ✓  
 21588 M eggs ✓  
 49993 F eggs ✓  
 23630 F eggs ✓  
 51200 M eggs ✓  
 45 M eggs ✓  
 46 F eggs ✓  
 47 M eggs ✓  
 51073 F eggs ✓  
 51192 M eggs ✓



✓ADP

July 19

51078 2 eggs ✓

28 F 2 eggs

23645 M 2 eggs ✓

51178 F ✓

49F ~~M~~ 2 eggs

50 F 2 eggs



July 19 McKen  
Ad. 4 - Trap B

185-85653 A w N

- 654 A
- in grass 655 A w N
- 56 A w N\*
- 57 A
- 58 A w N
- 59 A leggy\*
- 60 A }
- 61 N }
- 62 A leggy
- 63 A leggy\*
- 64 A leggy
- 65 A w N\*
- 66 A w N\*
- 67 N
- 68 A w N
- 69 A w N
- 70 A w N\*
- 71 A w N\*
- 72 A leggy

737-48314 F 2 eggs

July 19

675-85673 N

- 74 A w N\*
- 75 A leggy
- 76 A w N\*
- 77 A leggy\*
- 78 A w N\*

KTTCB



July 19 ✓ ADP  
~~July~~

~~743-55087 on egg ✓~~

~~723-66553 on egg ✓  
-67480 u ✓~~

700

800

500

500

~~200~~

8700

500

3200

McKern ~~20~~ July 20 ✓ ADP

~~793-68401-70000~~

~~723-66461 on egg ✓~~

~~757-63958-595~~

~~60 F~~

~~61-64 F~~

~~78475 F ✓~~

~~65-72 F~~

~~73 M~~

~~74 M~~

~~75 M~~

~~51036 M } ✓  
uN~~

~~76 F~~

~~775~~

~~78-83 F~~

~~845~~



VADP July 20

48184 F ✓

85-86 F

87 F

88 M

89-~~90~~ S

52995 S ✓

71527 F ✓

90 M

91 F

92 M

93 S

94 F

95 M

96 F

23134 S? ✓

97 ?

98 F

~~99 M~~ 99 M

100 F



20459 M

July 22 am 1

~~Legg M. Booby IIII IIII~~

~~20475 IIII IIII II~~

~~20476 IIII IIII~~

~~Legg N IIII IIII IIII IIII  
IIII IIII~~



July 22

Area 2

1111 111

111 111 111

111

111 111 111

111

111 111 111

111

111 111 111

111

Brown Booby

11

209

49

11



Howland July 23, 1964

ADP

39521 F w N ✓

257-628(48) F w N

20793 F w N ✓

28505 F w N ✓

20792 F w N ✓

20786 M w N ✓

39526 F w N ✓

50 M 1 egg

51 M 2 eggs

39562 M w N ✓

39561 M w N ✓

39566 F 2 eggs ✓

28515 F w N ✓

39599 M 2 eggs ✓

28820 M w N ✓

52 N Brown Booby

20778 M w N ✓

53 N Brown Booby

28519 F w N ✓



July 23 ✓ ADP

54 N Brown Booby

55 N " "

28594 M wN ✓

56 M wN

57 N Brown Booby

58 M wN

49 M 2 eggs

20774 M 1 egg ✓

39502 M 2 eggs ✓

59 N Brown Booby

53111 M wN ✓

39617 M wN ✓

53144 F 1 egg ✓

39807 F wN ✓

60 M 1 egg

61 M wN

✓ ADP July 23

53477 ? wN ✓

28791 F 1 egg ✓

53399 F 1 egg ✓

28782 M ✓

23504 M } ✓

20833 F } ✓

53298 F 2 eggs ✓

53465 M wN ✓

62 F

63 M

64 M wN

27510 F wN ✓

49667 M ✓

65 F

23519 M ✓

27907 S ✓

28901 M ✓

66 F



July 23 ✓ADP

53201 wN ✓

67? wN

68 M wN

49516 M 1 egg ✓

69 F wN

49519 F ✓

27615 M 2 eggs ✓

53329 F 2 eggs ✓

27535 M 1 egg ✓

54326 F 1 egg ✓

41870 M wN ✓

53304 M 2 eggs ✓

27568 M wN ✓

27555 M wN ✓

70 M wN ✓

27737 M wN ✓

26643 M ✓

✓ADP

53300 M wN ✓

26645 F 2 eggs ✓

53244 M wN ✓

25861 F 2 eggs ✓

27565 M 2 eggs ✓

25856 M wN ✓

27563 F wN ✓

27638 M wN ✓

49859 M wN ✓

25848 M 1 egg ✓

71 M 1 egg



July 23

757-63001 A-U

08 F

03 M legs

04 F

05 M

~~23728 F~~ ✓

~~20790 F + egg~~ ✓

28671 F ✓

06 M

27607 F ✓

07 ?

08 F

09 S

49744 F ✓

10 M

11 M

12 M

27545 F ✓



July 23

ADP

13 F

14 F

~~49503 S~~ *long*

20999 M ✓

15 M wN

39641 M } wN ✓

53389 F } ✓

53203 F ✓

16 F } 1 egg

17 M }

53207 M wN ✓

27704 F ✓

18 M

21000 M ✓

27611 F 2 eggs ✓

27803 F ✓

19 M

27530 M ✓

27529 F ✓

ADP July 23

27613 M } wN ✓

27612 F } ✓

20 M

27713 M ✓

27536 M ✓

27540 F ✓

27718 F ✓

25851 M wN ✓

26617 M wN ✓

21 F

20522 S ✓

22 F

28935 F ✓

27635 F wN ✓

25850 M wN ✓

27809 F wN ✓

25854 M } wN ✓

27812 F } ✓



July 23 ✓ADP

27562 M w N ✓

28540 F w N ✓

53246 M ✓

27577 F w N ✓

25859 M ✓

25855 F ✓

23597 F w N ✓

25857 M ✓

25867 F w N ✓

27543 F 2 eggs ✓

23 M 1 egg

25866 F 2 eggs ✓

25868 M ✓

26654 M ✓

27572 M ✓

25865 M 1 egg ✓

24 F

27644 F ✓

✓ADP July 23

26657 F ✓

25 M 2 eggs

27583 M ✓

27655 F w N ✓

26 M

39682 F ✓

25877 F ✓

27597 M ✓

27598 M ✓

27 F w N

26660 M ✓

39662 F w N ✓

28 M

26665 F 2 eggs ✓

27674 M w N ✓

27687 F w N ✓

25885 F ✓

39650 F w N ✓



July 23 ✓ ADP

29 M

39855 M w N ✓

39864 F w N ✓

39690 F w N ✓

39838 M } ✓

39840 F } ✓

39692 F w N ✓

39892 F w N ✓

49642 F w N ✓

25898 M w N ✓

26674 F w N ✓

30 F

39896 M w N ✓

49601 F w N ✓

31 ?

49592 M w N ✓

26684 F w N ✓

37599 M 2 eggs ✓

39794 F w N ✓

✓ ADP July 23

20933 F w N ✓

32 F

33 M 2 eggs ✓

34 F 1 egg ✓

35 F 1 egg ✓

20715 F w N ✓

36 M

39754 M 2 eggs ✓

49615 F w N ✓

37 M 2 eggs ✓

20721 F ✓

38 F

20954 F ✓

39 M

39810 F 2 eggs ✓

49671 F w N ✓

40 F

157-62797 M Box ✓



✓ ADP  
41 F

757-62791P Bd ✓

42-44 F

45 M

46 M

47 F

757-62737 ✓

48 F

49 S

21311 F ✓

50 F

51 S

52 M

53 M

54 F

55 F

53192 F ✓

49636 M ✓

56-58 F

53171 + ✓

✓ ADP July 23

59 M

60 F

-22804 F ✓

-39661 F ✓

27411 F ✓

61 M

62 F

-22509 S ✓

63-66 F

67 M

20854 M } wN ✓

20855 F } ✓

27663 M ✓

20994 M } wN ✓

20102 F } ✓

20991 M ✓

20583 M } ✓

20880 F } ✓

Pen



✓ ADP July 23

68 F

69 M

70 M

- 28922 F ✓

71 F

72 M

73 F

- 20863 M ✓

- 20854 M w N ✓

- 20623 M w N ✓

- 53356 F w N ✓

20008 M w N ✓

27846 M } w N

20894 F } ✓

74 M

20890 F ✓

20681 M w N ✓

28804 F ✓

75 M

✓ ADP July 23

20104 F days ✓

76 A-U

77-79 F

80 M

81 F

53340 M ✓

49649 F ✓

82 M

83 F

20745 F ✓

49691 M ✓

84-86 F

87 F

88 S

89 F

90 M

91 F

20653 F ✓

28674 M ✓



July 23

✓ ADP

92-93 F ✓

94 M ✓

95 M ✓

28719 F ✓

27999 F ✓

96 M ✓

97 F -100 ✓

21250 S ✓

✓ July 24

How

ADP

27524 F ✓

757-629 01 M

02-03 F

04 F

05 F

25831 F wN ✓

27807 M ✓

53206 F wN ✓

53204 F 1 egg ✓

53205 M ✓

06 M wN

07 F

08 M wN

26613 M ✓

09 F

27770 M 2 eggs ✓

27638 ? wN ✓

53301 F wN ✓



✓ ADP July 24

25825 F wNV ✓  
53235 M ✓  
27564 M wN ✓  
26632 M ✓  
26628 F wN ✓  
53241 F wN ✓  
25870 F ✓  
10 F } wN  
11 M }  
12 F  
25894 F ✓  
13 M  
49619 F ✓  
26675 F wN ✓  
39862 M wN ✓  
29674 F ✓  
39664 F ✓  
27679 M 1<99 ✓

✓ ADP July 29

27690 F ✓  
27667 M 20955 ✓  
27672 M wN ✓  
27596 F ✓  
39951 wN ✓  
53219 F ✓  
20728 F wN ✓  
14 M  
20938 M ✓  
39784 M ✓  
15 F 20972  
16 M  
39777 M } wN ✓  
26693 F } ✓  
26691 ? wN ✓  
17 M  
26689 F wN ✓



✓ ADP July 2000

39735 M w N ✓

86686 M w N ✓

39888 M w N ✓

49600 F ✓

49580 ? w N ✓

49588 M w N ✓

39933 M ✓

-18-23 F

24 S

25 F - 29

26974 ✓

27942 F ✓

23514 F w N ✓

30 M

49678 M ✓

27793 ? ✓

28620 F ✓

27990 F ✓

20864 F ✓



ADP July 24

20874 F ✓

31 S

32 - 33 F

757-62799 F ✓ B.K.

558-85073 S ✓

34 M

-20868 F wN ✓

20896 M ✓

28806 F ✓

22360 F ✓

35 M

558-85074 S ✓

-27885 - ✓

757-62814 F ✓

27953 F ✓

53279 F ✓

558-85014 S ✓

36 M

ADP July 24

-28691 M ✓

-53285 M ✓

-53194 M ✓

37 F

-20664 F ✓

-53463 M ✓

-25690 M ✓

-20012 F ✓

-53196 M } ✓

38 + } 2555

-20020 F ✓

28818 F ✓

53461 F ✓

39 ~~M~~ F

40 M ~~XX~~ 41-72007 ✓

41 M

20762 F ✓

42 M

28849 F ✓



✓ADP

43 Immature

44 F

45 M

737 49786 SA ✓

46 F

22828 F

47 F

48 F

49 F

558 23324 SA ✓

50 F

51 SA

52 P

53 F left leg

54 F

55 F

56 F

57 F

✓ADP

737 22861 SA ✓

58 M

757 627 73 ✓ F Babes

59 M

60 F

61 F

62 F

63 F

64 F

65 M

66 F

67 F

68 F

69 SA

70 M

757 62833 F ✓ Babes

558 25026 SA ✓

737 27977 F ✓

757 60324 SA ✓



✓ ADP

71 F

72 M

73 M

74 F

75 F

76 F

77 F

78 ?

79 ?

80 ~~M~~ F

81 M

737 49723 F ✓

737 26836 SA ✓

82 F

83 ?

84 F

85 SA.

737 20599 F ✓

737 28579 F ✓

✓ ADP

86 SA

87 F

88 M

89 F

90 SA

91 M

92 F

93 M

94 ~~F~~ ♀

95 F

96 F

97 F

98 F

99 F

3000 SA

737 28787 F ✓

20783 F ✓

49785 UNAT ? ✓

28887 F ✓

over



✓ADP

737 49777 SA ✓

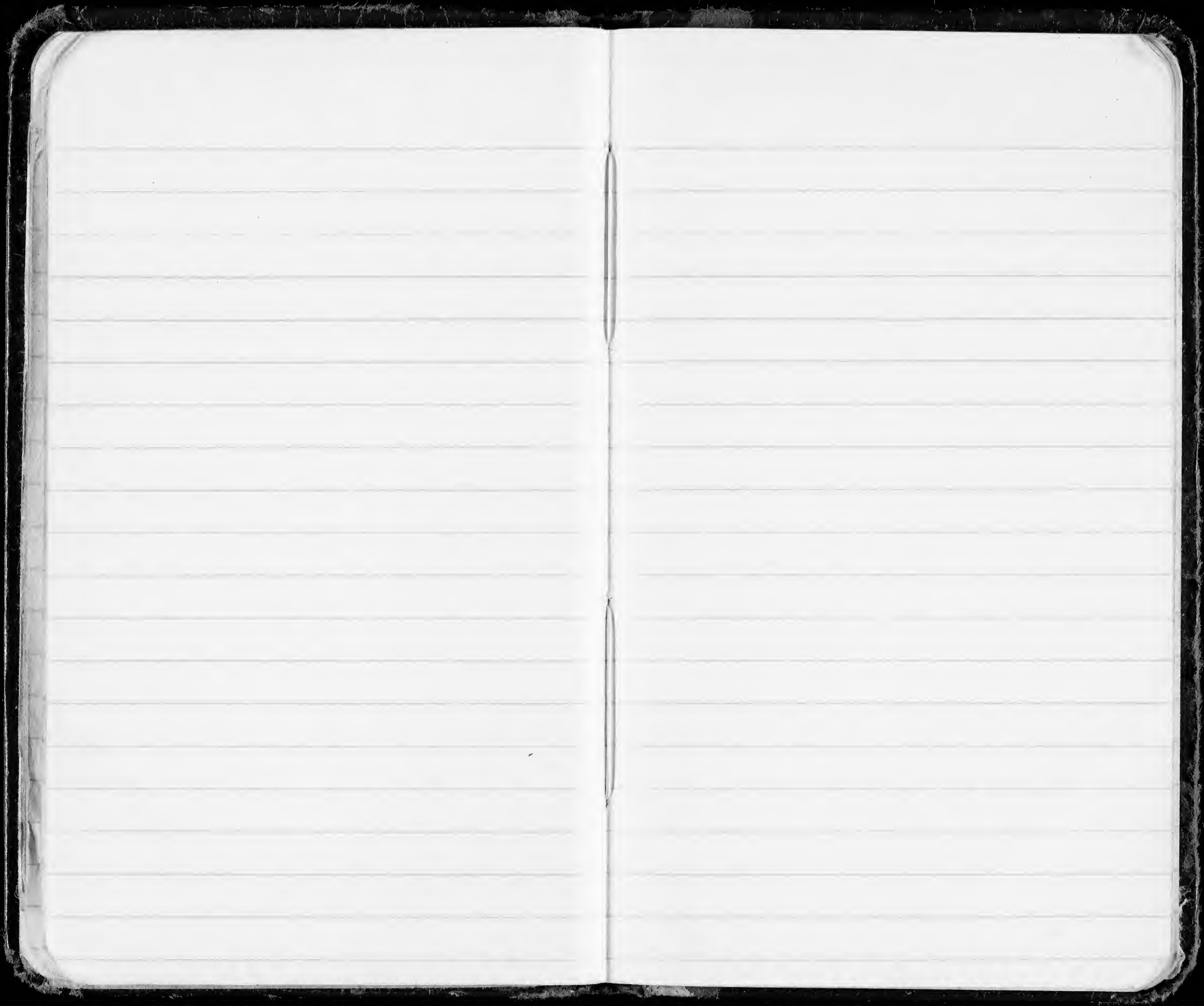
23129 ♀ ✓

28963 SA ✓

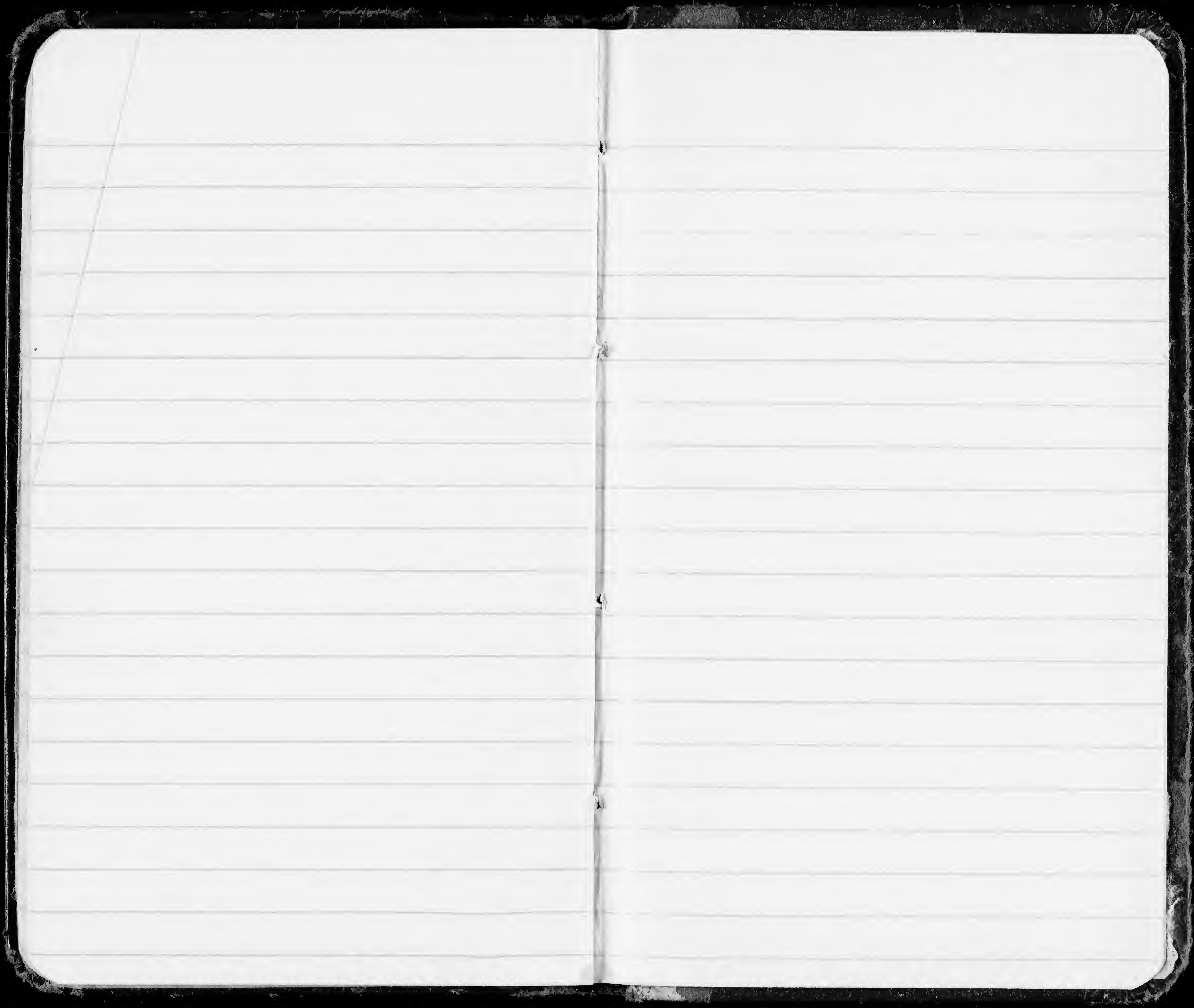
22459 ? ✓

~~21245~~ SA ✓

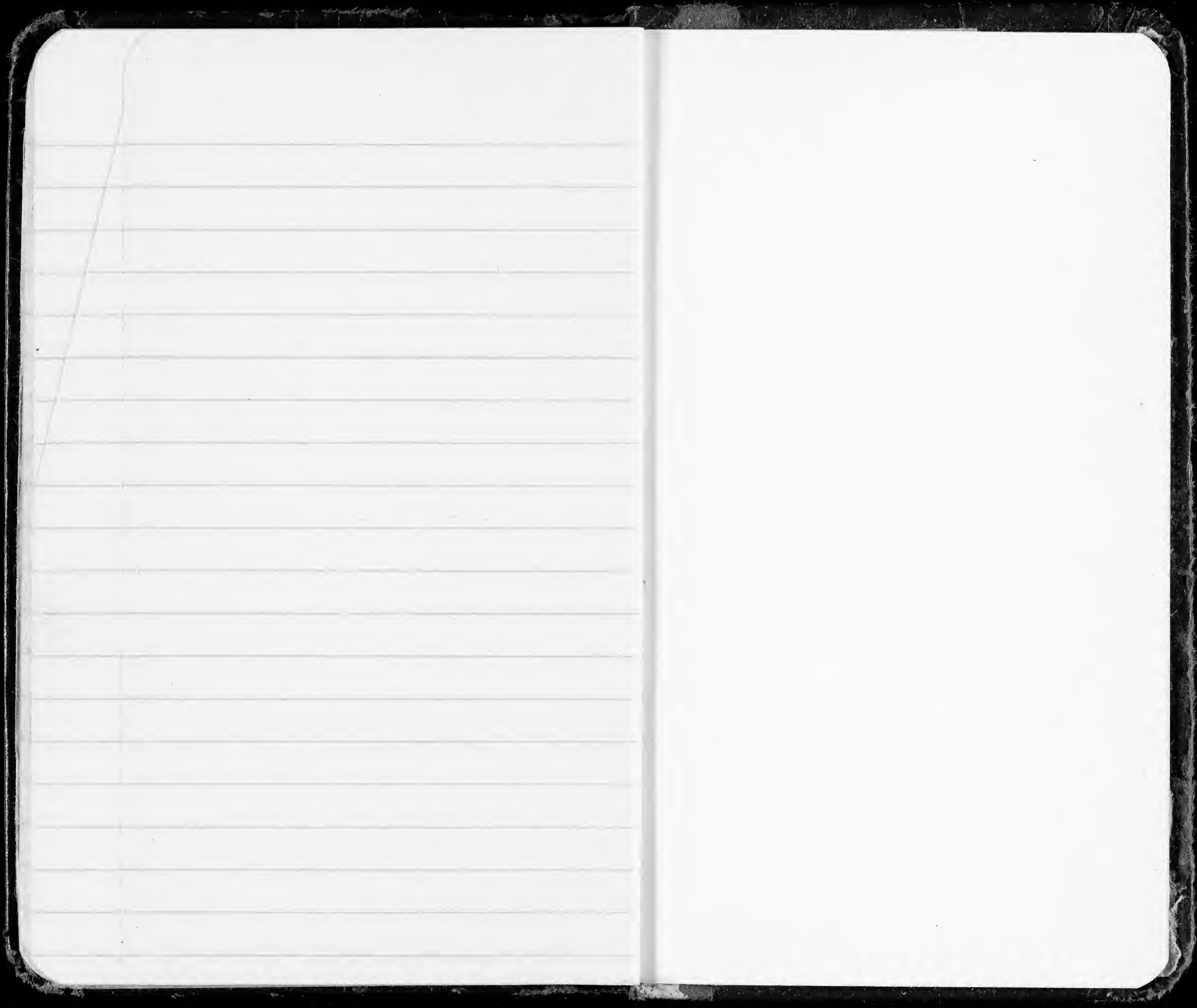


















7530-222-0078  
FEDERAL SUPPLY SERVICE



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Memoranda

Q

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✓  
~~ADP~~ - CDA

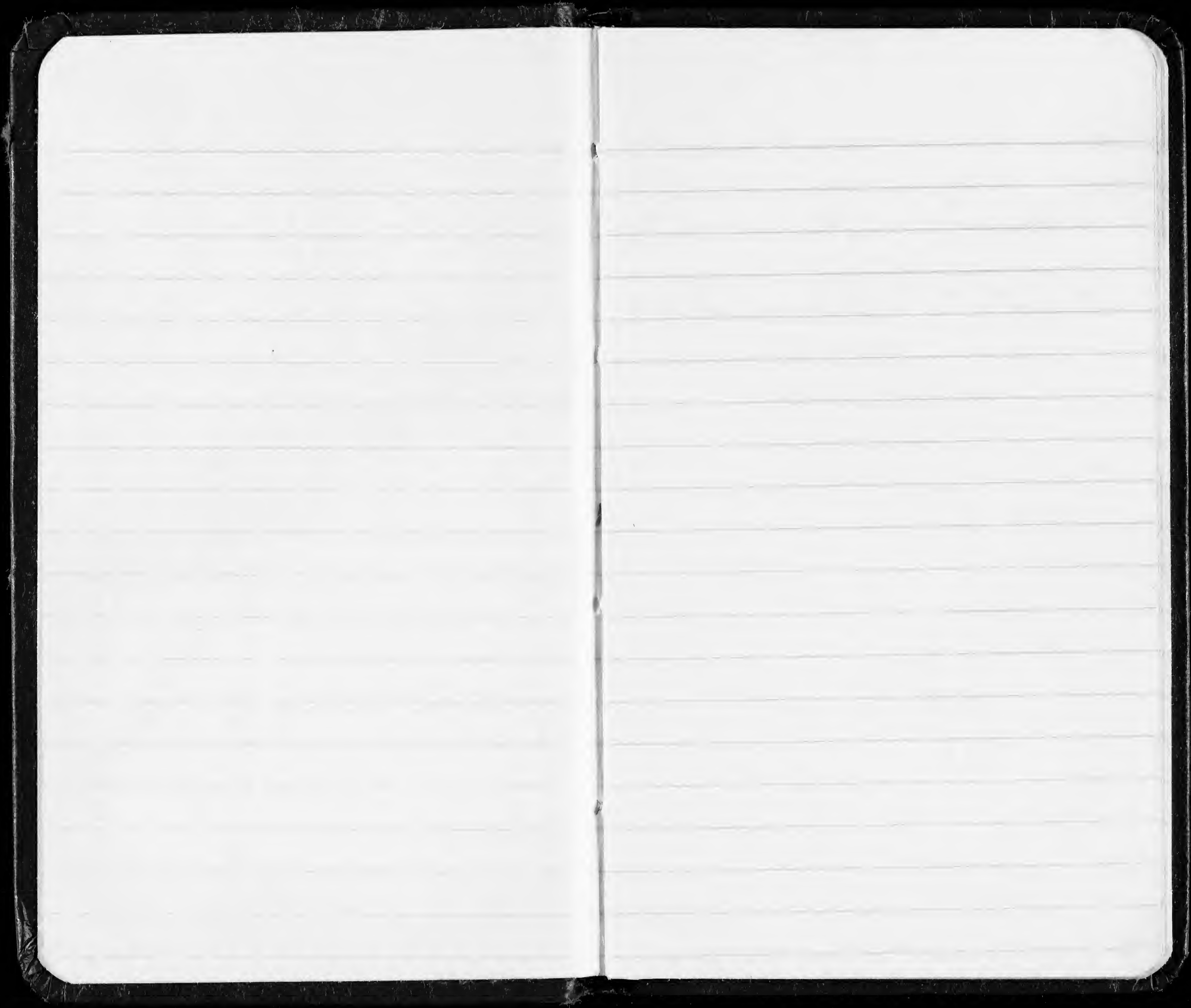
No interest

Done 9/20/68











Sooty Tern banding

853 - 39601 - ~~39~~ 40000

~~853 - 42001 - 42500~~

42001 - 50

Last 50 Lost

853 - 42100 - 42500



19 June 1964

✓ADP

Sooty T

Returns

~~753 05712 ✓~~

~~-01638 ✓~~

~~-05763 ✓~~

~~-31889 ✓~~

~~-38518 ✓~~

~~-39072 ✓~~

~~03204 ✓~~

~~01958 ✓~~

~~03330 ✓~~

~~34495 ✓~~

~~03349 ✓~~

723

44138 ✓

753

03239 ✓

723

44872 ✓

two Red

Plastic on left

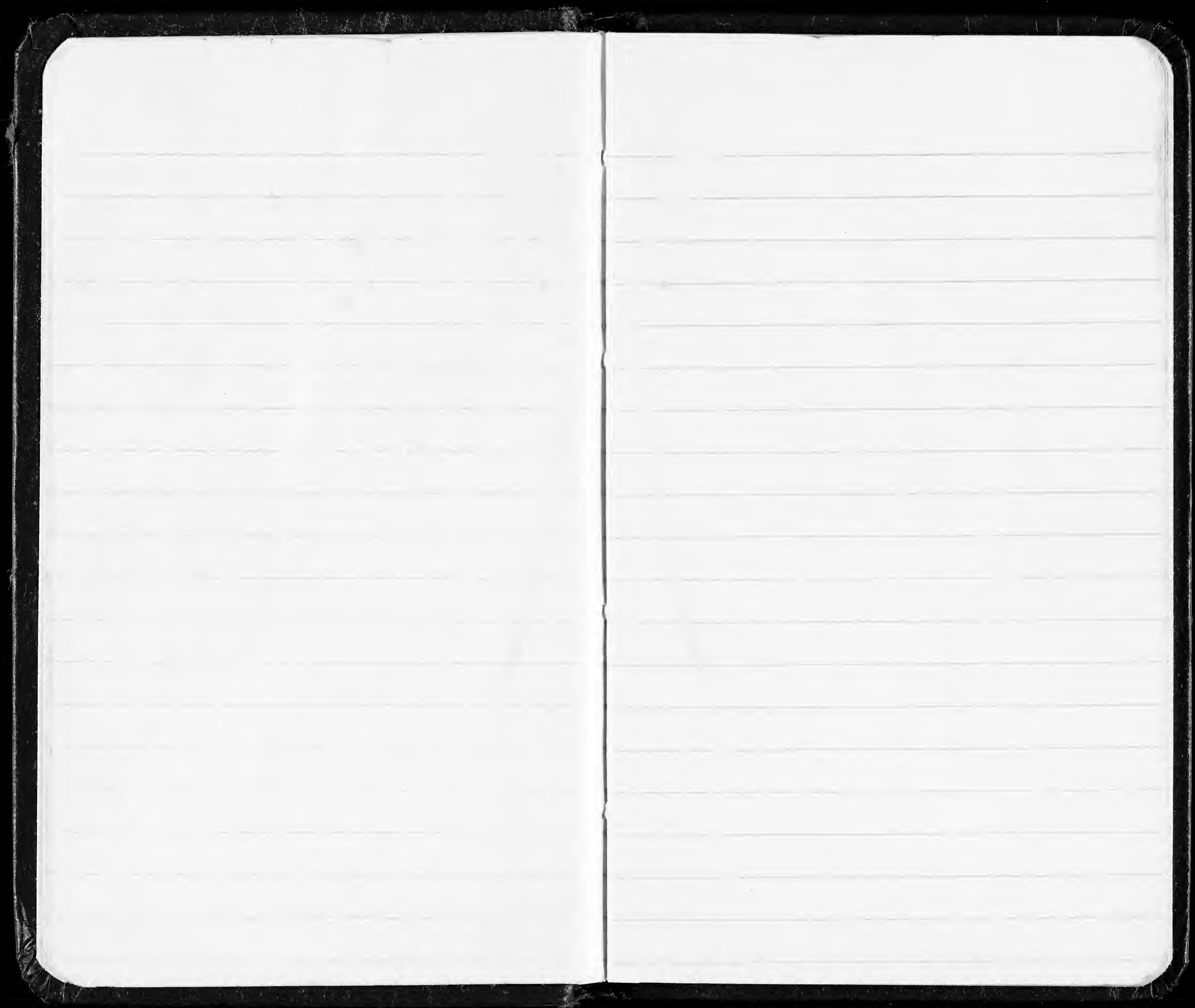
~~753~~

~~29009 ✓~~

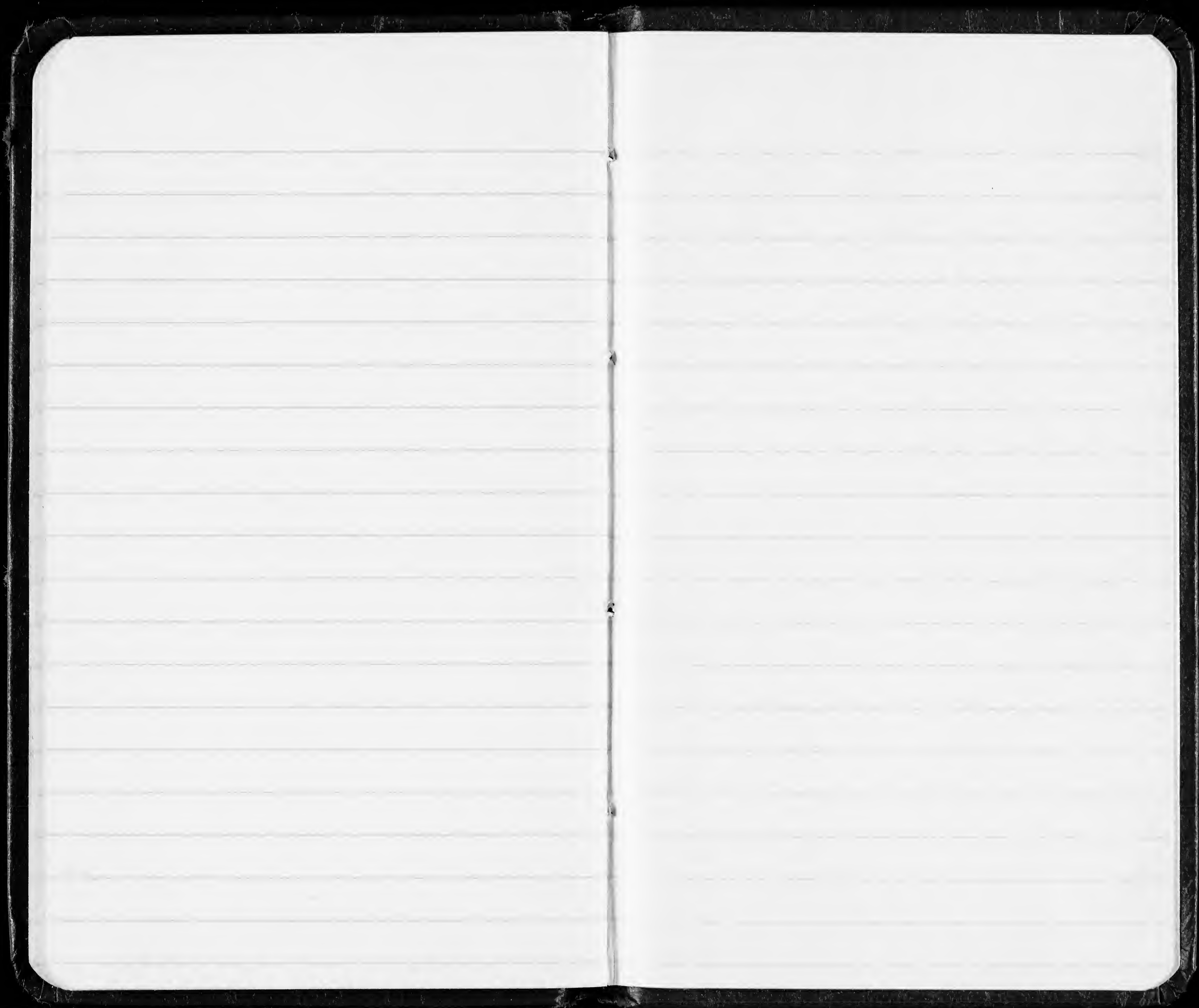
~~34553 ✓~~

~~31694 ✓~~

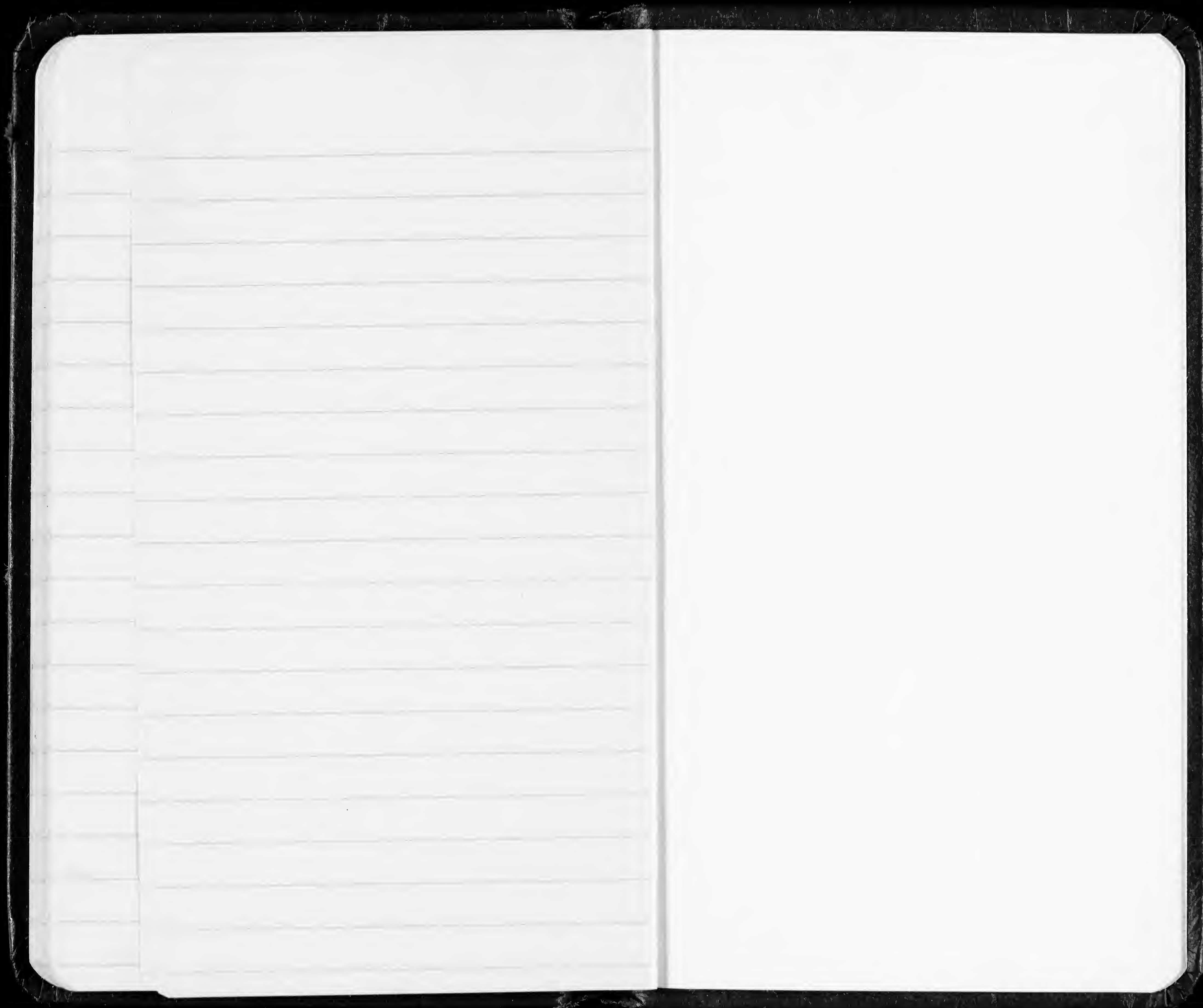




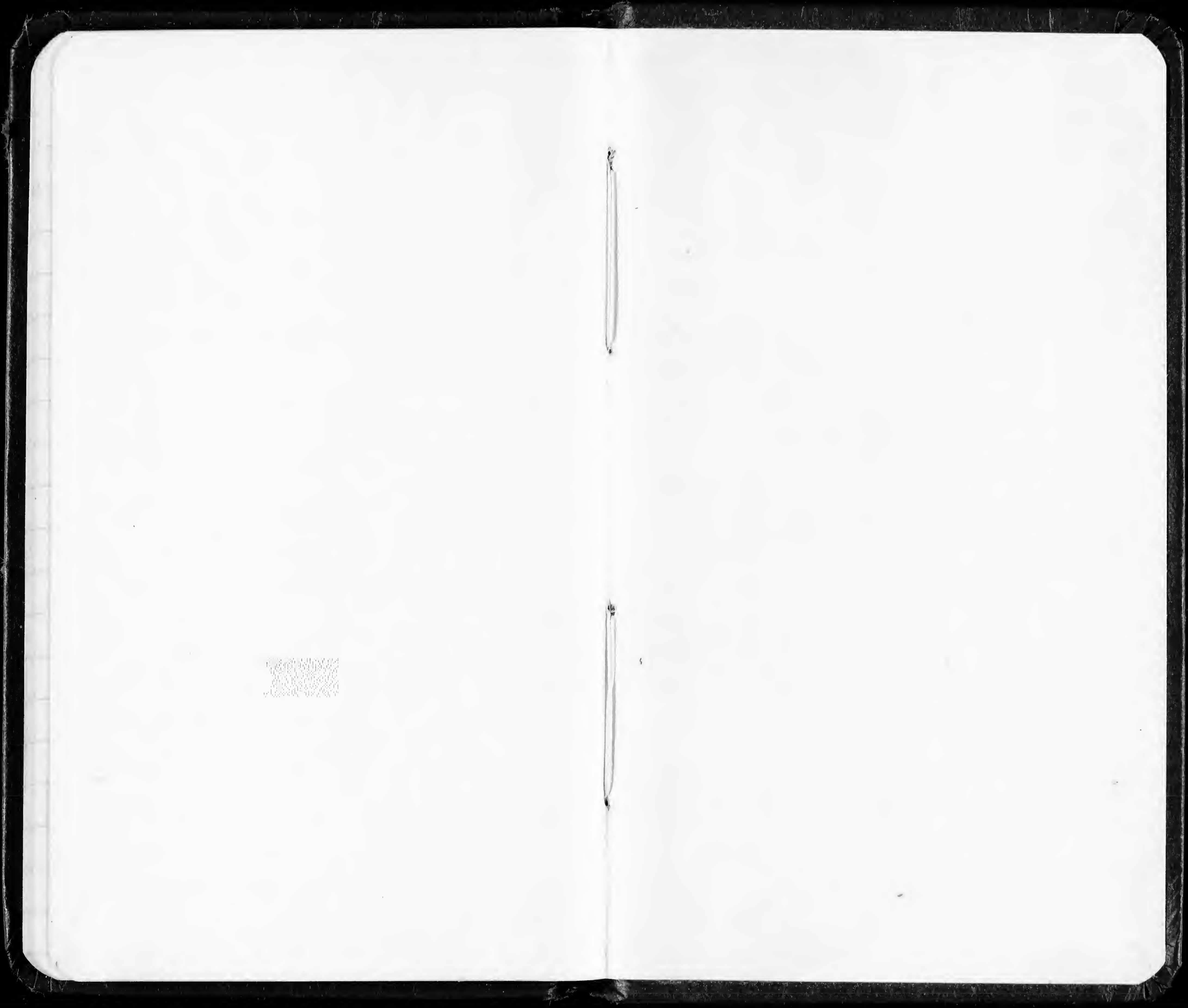














7530-222-0078  
FEDERAL SUPPLY SERVICE



*Memoranda*

SIC # 5 1964  
Christmas Is., June 14-20  
Malden Is., June 22-24



✓ 4000-2000  
Klone 9/21/68

sch. la. June 11.

505-20001- R. T. Tringali

no nest

R. T. Tringali 20002 no nest

20003 "

20004 "

05 "

06 "

07 "

08 "

09 "

10 "

11 1 egg

12 no nest

13 "

14 "

recording

Ashmore → 595-56663

50000

50000

504-76209

39 2/2 egg

4/20/68



8 500

250

250

250

250

250

250

500

500

8  
7  
6

ch

39 21 20 10 6 5

4 1/2



# Photographs

- |     |                            |           |     |
|-----|----------------------------|-----------|-----|
| #15 | Canal on Washington Island | f2.8      | 500 |
| #16 | Warbler nest               | f16       | 250 |
| #17 | "                          | f16       | 250 |
| #18 | "                          | f18       | 250 |
| #19 | Pent bog looking North     | f16       | 250 |
| #20 | Canal                      | f16       | 250 |
| #21 | Holes in Taro              | f22       | 250 |
| 21  | Breadfruit tree            | f11       | 500 |
| 22  | Pent Bog                   | South end |     |
| 23  | Pent Bay                   | South end |     |
| 24  | Wash. Is. Lake             | f11       | 500 |



Photo - Cook Is.

1. Wash Is.
2. Sooty Tern - Mersschu - nest f4 500
3. Sooty Tern Mersschu - nest f5.6 250
4. Noddy chick (mounted) f5.6 250
5. Noddy chick (mounted) f16 60
6. Noddy egg - nest (mounted) f5.6 250
7. Fairy Tern Chick on dodo's sp. 12 weeks
8. Dead Fairy Tern - stuffed by dodo's sp.

Motu Tabu f8 500 June 18

9. Phoenix Is. Petrel f16 250



✓ ADD

Cook Island, Christmas Island June 14, 1964

605-20001 - 10 R-t. Tropicbirds - No nest

20011 - on one egg

20012 - 15 - no nest

20016 Nestling pinfeathered

20017 ~~20017~~ No nest

20018 - one egg

20019 no nest

R-t. Tropicbird - 595 - 56663 on one egg

Christmas Is. Shearwater 514-76204

39 21 2 eggs  
date 1964

4th  
Christmas



Cook Island, Christmas Island June 14, 1964

Blue-faced Booby - 3 in channel on dunes  
Brown Booby - 1 flying past ship - 2 on Cook in evening  
Crested Tern - ||||  
Hawaiian Noddy - 3000 about  $\frac{2}{3}$  with <sup>young 1 week to nearly</sup> young or eggs fledged  
Common Noddy - 1000  $\frac{2}{3}$  with eggs or young <sup>mostly eggs</sup>  
Blue Gray Noddy - ~~250 on rocks~~ 250 on rocks + low vegetation  
Fairy Tern - 1000 about  $\frac{1}{2}$  with eggs or young  
Young birds 1 to 3 weeks old.

Sh. Frigatebird - 5 Sooty Tern 20,000+

Red-footed Booby - 15 Golden Plover - 1

Red-t. Tropicbird - 15 + 4

Bristle-thighed Curlew - 2 pairs

Christmas Is. Shearwater - 75 (2 w/young)

Wandering Tattler - 2

Phoenix Is. Petrel - 18

1 Fairy Tern with red-thr. marking

1 " " with Red head marking

West side of island - paint looked fresh

2 dead Fairy Terns hanging in the dodder -

like species...

39 eggs  
2 eggs

4 chicks



Cook Island, Xmas Is. HDP

June 14, 1964 Marshall + Hackman

ALL BANDS USED ARE RECORDED HERE:

Sooty Terns: Adults

753-31501-600 } Bob Long  
31601-31700 }

31701-31800 } Doug  
31801-31900 }

31901-32000

753-01510-01600 } Peter  
01601-01700 }  
01701-01800 }  
01801-01900 }  
01901-02000 }

Fairy Tern - 652-40748 to Retray ✓

753-35501-600 } Doug  
35601-700 } Peter  
35701-800 } Doug  
35801-900 }  
35901-36000 } ↓

Retray 723-44688 on egg - Sooty Tern ✓

Bob Long saw a Fairy Tern with two orange bands on the left leg - nothing

39 of eggs  
2 eggs 4 1/2 inch



on the right leg.

✓ADP

Pete + I banded until 10:30 pm  
both got close to 500. Bob Long  
got 200 Sooty Tern - Adult

- 753-34501-34600 } Dany
- 34601-34700 } Pete
- 34701-34800 } Long
- 34801-34900 } ↓
- 34901-35000 } ↓
- 34001-34100 } ↓
- 34101-34200 } ↓
- 34201-34300 } ↓
- 34301-34400 } ↓
- 34401-34500 } ↓

Only about 10% had eggs. Pete found  
most sitting in front of their eggs protecting  
them. I found quite a few birds incubating  
under the wing (both left + right) as well as  
some sitting in front of their eggs

- Sooty Tern 723-44593 - retrap ✓
- Sooty Tern 723-44992 retrap ✓
- Sooty Tern 723-44910 retrap 2 orange color  
bands on left leg

✓ADP  
Cook Island, Jarvis Is. June 14, 1964

- 723-44732 color banded - red paint on top  
of head ✓
- 723-44926 color banded - red paint on head

~~Christmas Island, Motu Upua June 15~~

Daylight hours  
Hawaiian Noddy - Nestling 652-44501-44599

New 605-20020 Red-tailed (Green) Tropicbird <sup>no</sup> nest  
XXXXX XXXXXX XXXXXX XXXX XXX

Christmas Island, Motu Upua June 15

- 514-75901-76000 Christmas Island Shearwater - adults
- 544-45901-46000 Christmas Island Shearwater - adults
- 544-46401-46500 " " " - adults
- 544-46801-46900 " " " Bob Long
- 544-46901-47000 " " " Pete's Marsh
- 544-46701-46800 " " " CPH.

39 ♂ eggs 4 chicks



Motu Upua June 16

Wandering Tattler - 6, 2, 1

Ruddy Turnstone - 4

Golden Plover - 2, 3

Bristle-thighed Curlew.

Ectoparasites

Hawaiian Noddy (H):

1. Mallophaga - under tail coverts

2. White-bodied louse - under wing secondary coverts

3. Eggs - Breast feathers

4. Hypoboscids seen not collected

Common Noddy - eggs on body feathers

Phoenix Is. Petrel (P.P.): 1 tick underside of wing under 1st row of coverts.

2.) neck feathers - underside

3.) under tail coverts - long thin

39 2 eggs  
disc 2 eggs

4th chick



Christmas Island  
Motu Upua - June 15

Hawaiian Noddy nestlings - banded by Peter

642-04801-04900

652-40801-40900

652-40901-41000

X X X X X X X X X X X

544-48501-48600 - Phoenix Is. Adult

48601-48700 - Christmas Is. - adult

48701-48800 Christmas Is. Shearwater - adult

48801-48900 Christmas Is. Shearwater - adult

48901-49000 - Not used:

544-48761 Right leg missing - banded on left

Marshall's: All adults

544-47501-600 Phoenix Island Petrel

47601-700 Phoenix Is. Petrel

47701-47800 Christmas Is. Shearwater

47801-47900 Christmas Is. Shearwater

39 27 2 eggs  
left

4 1/2  
chick



June 16 Motu ~~Tabu~~ Upua

Hills: All adults

544-48001-48100 Christmas Island

101-200 Christmas Island

201-300 Christmas Island

Retraps: all Christmas Islands

514-79635

514-79662

79897

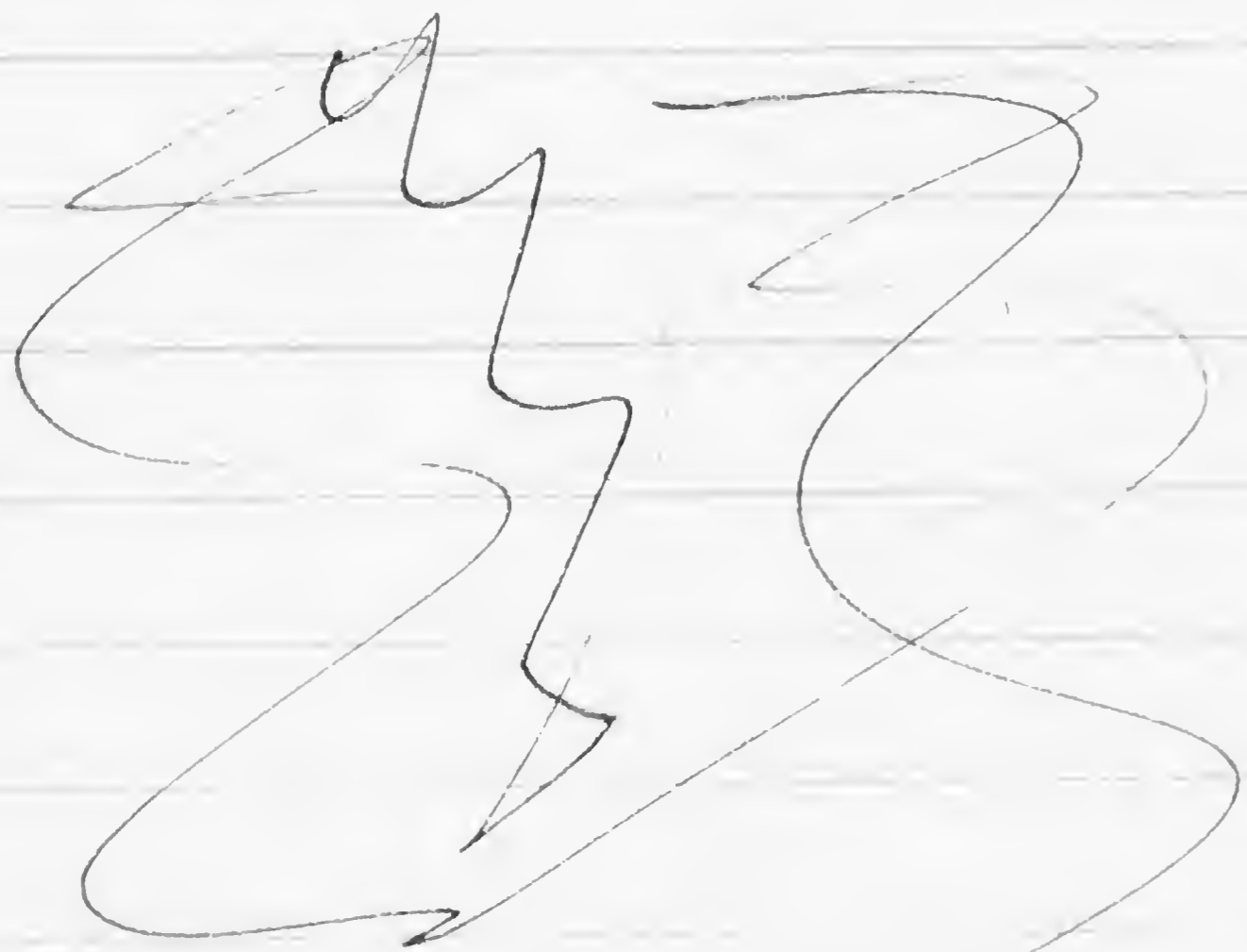
79593

79892

77211

79670

77263



June 17 Motu ~~Tabu~~ Upua  
Christmas Island

R-t. Tropicbird

(T) - under tail coverts - heavy insect.

~~Upper tail moderate~~, under wing

coverts + top breast feathers.

(TB) - upper tail coverts - moderate

Christmas Island Shearwater

(CI)

X X X X X X

Banding: Red-tailed Tropicbird

605-20021 on egg

22 on egg

23 on egg

Wedge-tailed Shearwater 605-20301-400

the majority of these birds (at least 2/3 were in burrows or eggs.)

39 21 2 eggs

4 chicks



Christmas Is. Motu Upua

June 18, 1964

R-t. Tropicbird

VADP

605-20024 no nest

25

26

27

28 on eggs

29 no nest



12769

Motu Tabu, Christmas Is. June 18

R-t. Tropicbird

605-20030 on egg

39 on egg

40 No egg nest

41 on egg

31 No nest

32 No nest

33 " "

34 " "

35 One egg

36 ~~no~~ egg nest

37 No nest

38 no nest

595-56682 R-t. Retrap - No nest

85 " " no nest

50 " " on egg

59 " " on egg

39 2 eggs

4 chicks



Motu Tabu, Christmas Island June 18, 1964

Ectoparasites:

(7) - Fairy Tern from crown and throat

RT - (Red-tailed Tropicbird) - from side of head between eye + bill  
2 specimens.

Motu Tabu, Xmas I 6/18/64

514-75883 Christmas Island - retrap

595-56657 Red-t. Tropicbird on egg

~~595-56656~~ ~~47924~~ 595-56656 R.t. T. - on egg

Phoenix Is. Petrel 544-49401 series

nestings: 51, ~~60~~ 67, 97, 82, 14

1100

48

R-t. Tropicbird 605-20042 on egg

43 on egg

44 no nest

45 on egg

46 on egg

47 on egg

544-10807-7 Retrap Phoenix Is.

39 57 9 eggs

4<sup>th</sup> chick



Motu Tabu, Christmas Island  
June 18, 1964

Wedge-tailed Shearwaters:

615-04104-04200

605-22600 - 22700

140

~~544-10753~~

~~544-12016~~ 543-717

~~514-75712~~ 344-10857

(544-10843 } panel at A 186

544-10875

Retrap 544-10881 Phoenix Is.

514-75512 " " Red paint on head

514-30725 " " nestling

514-75515 " "

Retraps:

565-17974 Wedge tail

602 " "

628 " "

627 " "

992 " "

686 " "

Motu Tabu, Christmas Is. June 18

~~544-10883~~ ADP

Phoenix Island

544-49701 - 49800

Motu Tabu - June 18

Red-tailed Tropicbird

595 - 56658 on egg ✓

Ashmore

39 eggs  
2 eggs

4 chicks



Cook Island, Christmas Is. June 19.

New Bandings

Hawaiian Noddy Tern - nestlings - 400

Sooty Tern 753-38001 - 100

101 - 200

~~201 - 500~~  
~~301 - 400~~  
~~401 - 500~~

Cook Island, Christmas Is. June 19

Returns

753-01900 Sooty Tern 0 ✓

01906 " " 0 } Peter's

34153 " " open ✓

31975 " " ✓

723-44467 Ashmole - color bands - left leg ✓

757-31902 Sooty Tern ✓

6/20/04 723-44489 Ashmole - color bands - left leg ✓

39 27 2 eggs

4 1/2 chick



Christmas Island - Cook Is.  
June 20, 1964

Hawaiian Noddy chicks 652-44201-300

44301-400

Return Malden Island June 22, 1964  
747-51675 Red footed Booby ✓

Malden Island - June 22, 1964  
Red-footed Boobies  
747-57301 Adult ~~753-38700~~

302 Nestling

03 Adult

04 Adult

05 Nestling

06 Adult

07 Adult

08 Adult on nest w/ small chick  
09+10 Adults

14 on egg

12 chick

11 on chick

15 with chick

13 chick

16 on egg

17 chick

18 Immature

19 on egg

20 on egg

21 on egg

22 chick

23 on egg

24 just setting on empty nest

25 adult

26 chick

27 chick

28 chick

29 adult

30 adult

31 adult

32

39 2 eggs 4 chick

to Fred  
Mier



Banded by Peter  
 757, 661, 58 chick  
 belonged to 93 + 94

Malden Is. June 22 Dory Hill  
 Blue-faced Booby

757-64572 ♂ } w/small chick  
 73 ♀ }

75 ♂ } family group  
 76 ♀ }  
 77 chick }

78 ♀ solitary 93 ♀ } chick  
 79 ♂ solitary 94 ♂ } 757-66159

80 ♀ } pair 95 ♀ } 96 chick  
 81 ♂ }  
 82 chick } ~~98~~

85 ♂ - 2 eggs ~~99~~

84 ♀ - 1 egg ~~100~~

83 ♂ } small chick  
 86 ♀ }

87 ♀

88 ♂ on 2 eggs

89 ♂ on 2 eggs

90 ♀ on 2 eggs

91 ♀ } roosting pair  
 92 ♂ }

39 ♂ 2 eggs 4 chick  
 40 ♀ 1 egg



Malden Island - June 23, 1964

Returns

Malden Island - June 23, 1964

New Bandings

4  
7  
6

4

39 27 2 eggs 4 1/2  
chick



June 24, 1964 Malder Island  
 Blue-faced Booby

22 blue-faced full load  
 of fresh squid 1600

757-64001 2 eggs + 20 ♂ 2 eggs

02 ♀ 2 eggs 21 ♂ 1 egg

03 ♀ 2 eggs 22 ♂ 2 eggs

05 ♂ 2 eggs 23 ♀ 2 eggs

04 ♀ small chick 24 ♂ 2 eggs

06 ♀ 2 eggs 25 ♀ 2 eggs

07 ♂ 2 eggs 26 ♀ 2 eggs

08 ♀ 2 eggs 27 ♂ 2 eggs

09 ♀ 2 eggs 28 ♂ 2 eggs

10 ♀ 2 eggs 29 ♀ 1 small chick

11 ♂ 2 eggs 30 ♀ near 31 ~~landed~~

12 ♀ 2 eggs 31 ♂ 2 eggs

13 ♂ small chick 32 ♀ 2 eggs

14 ♀ 2 eggs 33 ♂ 2 eggs

15 ♂ 2 eggs 34 chick }

16 ♀ small chick 35 ♀ }

17 ♂ 2 eggs 36 ♂ }

18 ♀ 2 eggs 37 chick }

19 ♂ 2 eggs 38 ♀ 2 eggs

39 ♂ 2 eggs

42 Subadult  
 43 ♂ 2 eggs  
 44 Immature  
 45 ♀ chick (small)

62/02 = chick

40 ♀ 2 eggs  
 41 ♀ chick



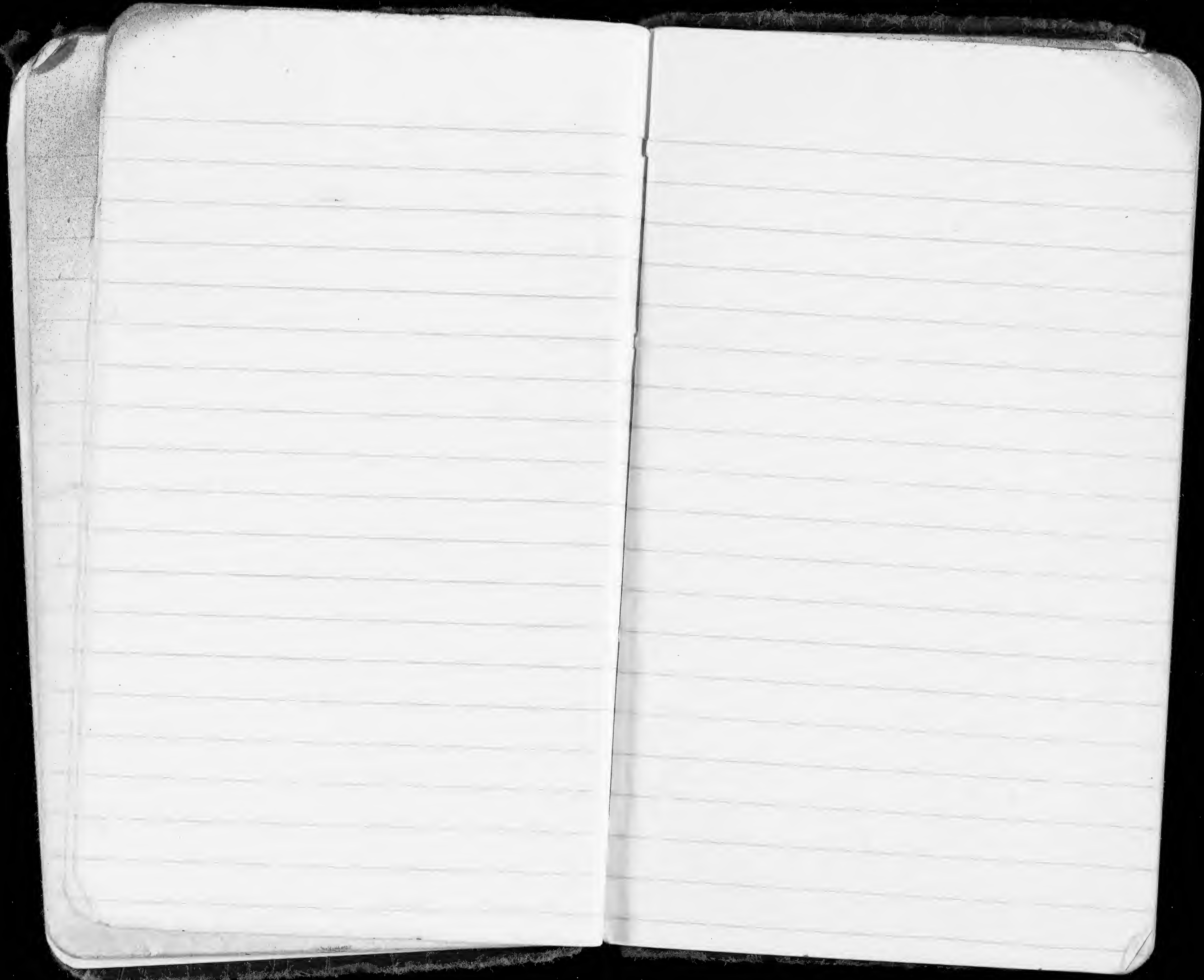
✓ ADP  
 Recovery Malden Is.  
 737-68608 ♂ 2 eggs  
 paired w/ 64237 ✓

Malden Island - June 24, 1964

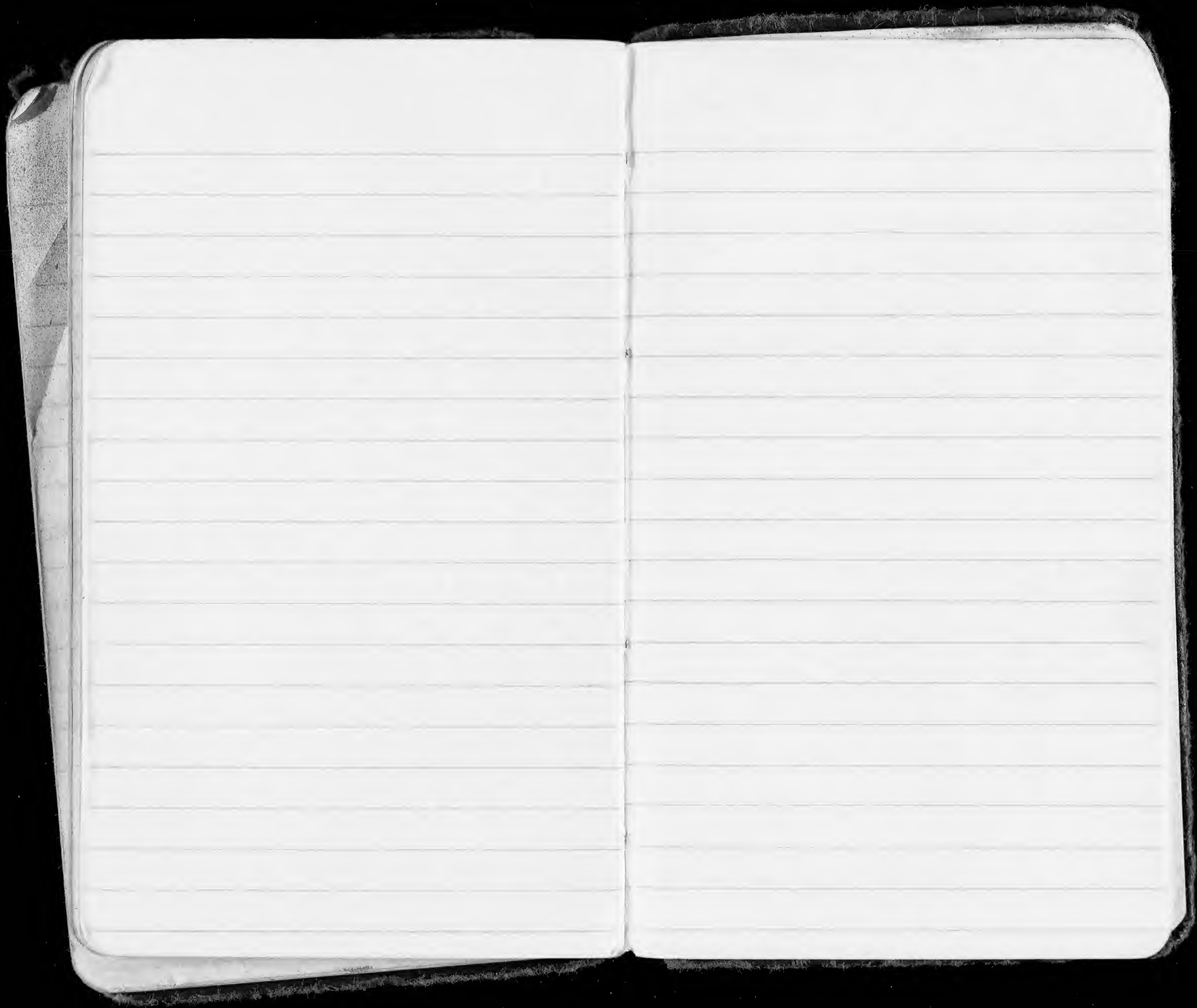
Blue-faced Booby

757-64201 ♂ w/dink + 757-64004 ♀  
 02 ♀ } 2 eggs ♀  
 03 ♂ }  
 04 ♀ }  
 05 ♂ }  
 06 ~~♂~~ ♀ 2 eggs  
 07 imm.  
 08 ♀ 2 eggs  
 09 ♂ sol.  
 10 ♂ sol.  
 11 ♀ sol.  
 12 ♂  
 13 ♂ chick 757-62102  
 14 ♂ w/757-64018 (♀ on 2 eggs) 61 ♂ - small ch.  
 15 ♂ sol. 40 Chick to 38 + 39  
 16 ♀ sol. 41 ♂ } small chick + egg  
 17 ♀ 2 eggs 42 ♀ }  
 18 ♀ 2 eggs 43 ♂ sol. 62 ♀ } paired  
 19 ♀ solitary 44 ♀ 2 eggs }  
 20 ♀ 2 eggs w/62097 (♂) } 62080  
 21 ♀ 1 egg 45 ♂ sol. 63 ♂ }  
 22 ♀ 46 ♀ }  
 23 ♀ 47 ♂ } 64 ♀  
 24 ♂ solitary 48 ♀ } 65 subadult  
 49 ♂ } 66 imm.  
 50 ♀





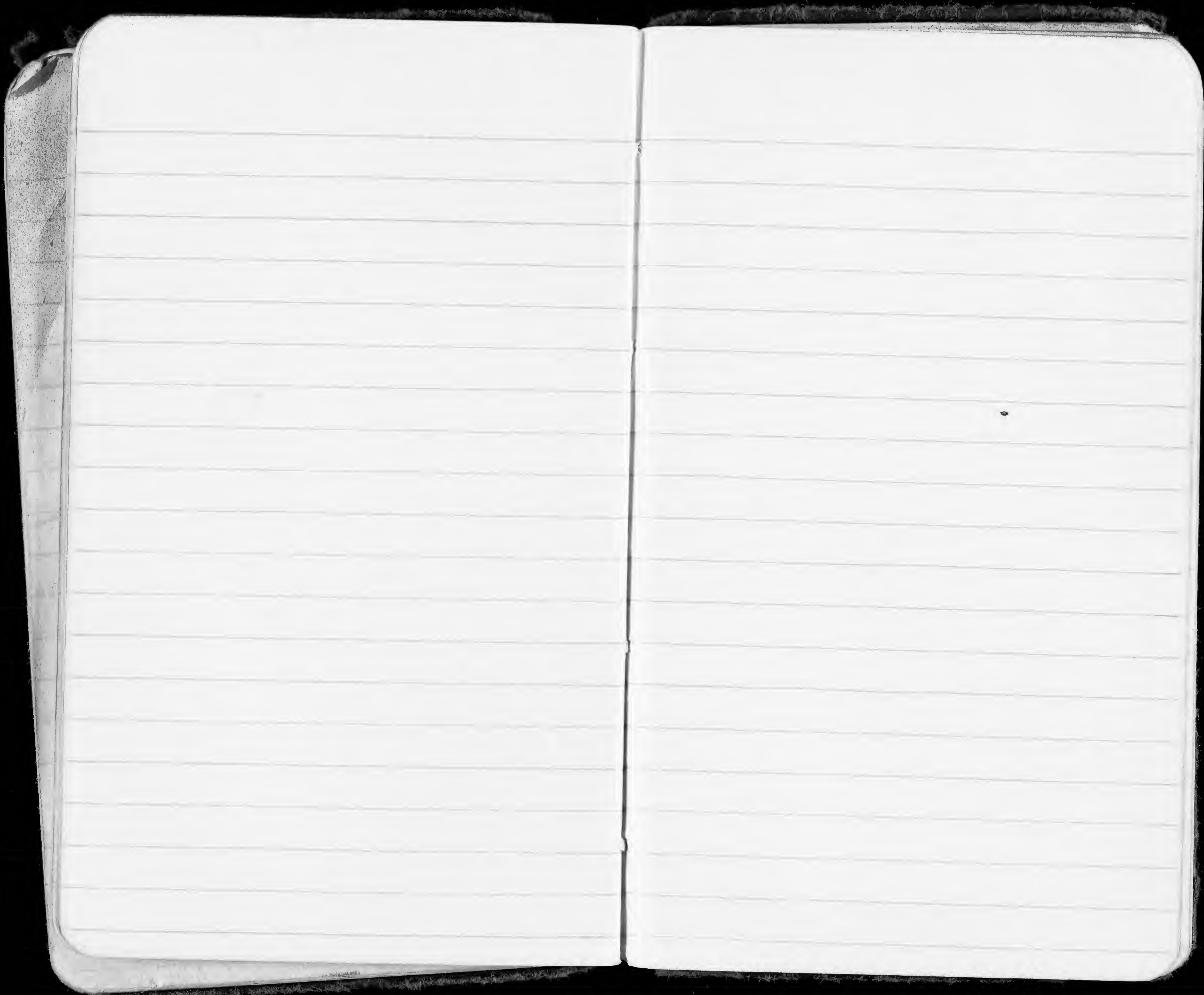






□ NEWELL  
NEWER







June 10, 1964

Last warble nest collected from  
bush honeyeucalypt. Another nest much  
older was seen in the same clump of honeyeucalypt

June 9, 1964

Saw 2 Blue faced Boobies on the way back  
to the ship - both sub-adults. One  
bird had a band on the right leg.  
Didn't have a gun couldn't collect it.

Saw a Red-footed Booby with a band, too

11 White-t. Tropicbirds in  
the air at one time.

Continuous feeding flock - both noddies,  
Fairy Tern + Red-footed Booby + Frigate-  
bird - about 4-6 miles off the west  
shore of the island.

June 10 Blue-gray Noddy Tern - 10  
Fairy Tern - 40  
Golden Plover - 1  
Wandering Tattler - 2



Pack all bands in box #1 + Box #2  
Get #4 bands - 1000 more out of  
afterhold - show Bill where they are  
Check box #7 - remove insect vials  
Check Bill out on cots, tent poles,  
stakes + bicycles.



Box #1 Store, gas, cypress + other materials

Coffee, soap, coffee pot. -

Box 8 Collecting Supplies

Ph. Is Petrel 500

Box 5 Banding equipment

Masked Shearw. 412

Box #3 Bands

5 personal boxes

Blue-footed Booby 1124

Brown Booby 67

Red-footed Booby 436

Sooty Tern 6689

Blue Gray Noddy 200

Gray-b. Tern 206

Fairy Tern 109

Common Noddy 35

Wedge-Tail 562

R-t. Tropicbird 24

Audubon's Shearwater - 50

Golden Plover - 1



June 16: 30 Hawaiian Noddy, 100 Phoenix Is. Petrel,  
100 Christmas Island.

Want to send a man out to the  
ship for a short while this morning.  
Around 10 a.m. he'll have a man  
over at the dock.

#4 bands brought back from ship by Bill

544-47501 - 48000

48001 - 48500

48501 - 49000

49001 - 49500

49501 - 50000

50001 - 50500



~~Handwritten scribbles and a circled symbol.~~

$$\begin{array}{r} 4 \overline{) 15.000} \\ \underline{12} \phantom{00} \\ 3000 \\ \underline{3000} \\ 0000 \\ \underline{0000} \\ 0000 \end{array}$$
$$\begin{array}{r} 15 \overline{) 4.000} \\ \underline{30} \phantom{00} \\ 1000 \\ \underline{900} \\ 1000 \\ \underline{900} \\ 1000 \\ \underline{900} \\ 1000 \end{array}$$

$$\begin{array}{r} 3014 \\ 500 \\ 1690 \\ 1475 \\ \hline 6689 \end{array}$$

$$\begin{array}{r} 410 \\ 480 \\ 200 \\ \hline 1090 \end{array}$$

*Faint handwritten notes or scribbles.*



7330-222-0078  
FEDERAL SUPPLY SERVICE