Memorandum

SAND-JOHNSTON 69'

Saul - Johnston

1964

Sand - Johnston 1964

Sandy Terms

53-92701 - 93000 Feb 1

93001 - 93100

93101 - 93200

93201 - 93300

93301 - 93400 Feb 2

93401 - 93500

93501 - 93600

93601 - 93700

93701 - 93800

93801 - 93900 Feb 3

93901 - 94000

94001 - 94100

94101 - 94200

94201 - 94300

94301 - 94400

53-71801 - 72400 Mon 6

72401 - 72700 Mon 7

72701 - 73300 Mon 8

~~Recoveries~~ Returns ST

CI5 - 544 - 10503 Feb ~~7~~ 3
with 2nd, unbanded, on hill

ST 743 - 72296 "
" 753 - 25111 "
" 753 - 10417 "
753 - 13018 CM
743 - 72137
753 13357 CM Feb 15
723 44615
753 18600 CM "
11579 CM

743 72088 Mar 6
72140 " 8
753 30502 "
743 72540 "
753 30863 "
743 72121 "
753 12985 CM Mar 9
10197 "
" 15990 CM "
" 13713 CM "
12713 CM Mar 16
30803 "

FRESHED

732 - 44518 - A-M 03 06 64
19 - A-M "
20 - A-F "
21 - A-M 03 08 64 "
22 A-M " " " "
732 44615 A-F 03 09-64 CM
737-44389 I A-M 3/19

BB - 4/15
23 - CI 57
17 - C(49)
24 - CI 58
18 - CI 5_ (nearly out)

Tayak

3/29

C15 - 514 - 78021 orig - dab
10 " " plywood

Sorters

(A2)

753-73301-800 A 4.6 - 03-09-64

73801 - 74300 A 4.6 03-10-64 (A2)

74301 - 08 - " E Red

09 - 16 " E Green

17 - 24 " E Blue (New)

25 - 32 " Orange (New)

33 - 40 " E Black

41 - 48 " E Blue

49 - 400 " E 03-12-64 Xmitter-Lap

74401 - 500 " E "

7450 - 600 E 03-14-64 All Linked

793 - 50001 - 50200 (6) - E 03-12 Dumped

753 - 74601 - 900 E 03-17 left of Xmitter

74901 - 75500 E 3/20 "

3/10

Brown Broby

59 - A-F Nest 6 03-16-64
60 - A-F 11
61 - A-M 23
62 - A-F 24
63 - A-F 16
737-44006 J 32
64 A-M 23
65 A-M 29
737-44038 J A-M 32
737-44025 A-F 19
66 A M 34 "

737-44115 Nest 4 RFB 3-17
67 AF 42460 3/26
68 AM - 16
44012 - AM - 17
35 - AM - 14
69 AM - 18
70 AM - 15
44030 AM - 13
697-69606 J AF - 35
44028 J AM - 19
55 AF 20
71 AF 31
44029 AM 31
72 AM 38 (68)
73 AF 33 of 55 eggs
74 AF 30

Wadgetails 516-78003 CTS 3/17

27 03-16-64
28 - 35 "
~~65-01019 J~~ "
565-12410 "
615-00790 J "
565-12492 "
615-00983 J 3-17
615-00761 J
565-12369 J
615-00579 J
565-12782 J
615-00568 J
565-12711 J
565-12467
565-12846 J
615-00617 J
36 - 47 "
615-00753 J 3-18
565-12462 J
565-12733 J
" - 12154 J
~~" - 12369 J~~
615-00566 J
565-12565 J
" 12969 J
~~12410 J~~
" 12424 J
" 12419
" 12255
615-00578 J "
~~48~~ - 58 "

Notly

29-43	03-16-64
153 30256 J	"
30232 J	"
44-72	3-17
73	3/29

Returns

753-	11512 J	ST	03-13-64
	12871 J	"	"
	12713 J		
	13487 J		
	10894 J		
	10512 J		
	10170 J		
743-	72916		
	72453		
753-	10209 J		
743-	72481		
753	10665 J		
743	72704		
753	10353 J		"
753-	14049 J	3/18	
	12393 J	3/19	
	19905	"	
743	72568	3/23	
753-	11897 J		
753	19405 J, E	3/25	
753	11780 J E	3/25	
753-	16650 J E	3/25	
753	12892 J	4/1	

23

Area B

GBT - 30, 2 - 3/19
CN - 49 (1) "
ST - 6 chicks, 10 eggs
F 49, 52, 58, 59, 60

CN chick - 12 [illegible] 1½
[illegible] - 1½ - 3½
collar of [illegible]
been lost
fledged

3/22
F 49 52 58 59 60 ST - 10 eg

BB - #16 - 95 26 3/25
#32 - 95 70 "
#35 - 69 3/24
#3 - chick dead
#4 - new " "
#7 - chick (10)

Area B - 3/26

CN - 70
S - 5+7
GB 4+4
BB - #67 AF 42-60
F - 49, 52, 58, 59, 60, 61

4/8
CN - 69(6) + 7(2)
F - 49, 55, 58
GB - 7, 9 5
S 4 C
WTS - 13

Banding Data

57 - 77
1565-12401
615-00555 I
1565-12129
615-00675 I
00432 I
00307 I
1565-12139 I
12219
615-00673 I
1565-12515
12127
615-00718 I
00749 I
D 12414 I
12706
615-00725 I
00549 I
1565-12334 I
00694 I
12517 I
00737 I
12320
12420
78 - 01100 "
615-01101-33-S 3/29 34-43I, 44, 45
615-01001 I
00884 I
00788 I
01006 I
00734 I
12416 I

3/20 Bulwers
3/29
642 01101 AU

605-00752 J	3/29	37 DP
00770 J	01134-43 I	
00500 J	12921 J I	
00140 J		
00497 J	25 J "	
605-12221 J	63 J	
12301 J	74 J	
12359 J	49	
00275 J	10 J	
12368 J	17 J	
~~00253 J~~	65 J	
00411 J	68 J	
00135 J	97 J	
~~00419 J~~	84 J	
00512 J	56 J	
12507 J	72 J	
12180	42 J	
00538 J	41 J	
00918 J	77 J	
00352 J	89 J	
12596 J	95 J	
~~00319 J~~	06 J	
12297 J	40 J	
00324 J	32 J	
12258 J	72 J	
00634 J	49 J	
00245 J	31 J	
00692 J		
00635 J	36 J	
12346 J	40 J	
12903 J	26 J	
12698		
12101		
12155		

111 - 70 3/29

151 Tom 3/30

Recovered

753-18787 ✓	5T	3/19
753-17355 ✓		3/20
753-18744 ✓		"
753-11948 ✓		"
743-12871 ✓		3/24
753-25038 ✓		3/26
753-22252 ✓		4/1
753-16589 ✓		4/7
642-01033 ✓ GP		4/10

Brown Bobby

75 AF -34 3/26
44064 AM TO
chick - next 5

3/28 - 16 w/ 26 only ✓
3/29 737 - 44164 - MB, AF
3 4/1
#10 - chick
#11 - egg pipped 0900
#8 - egg #17 pipped 1615
#6 - 2nd chick
#15 - 25 pipped 1000 4/7
#14 - chick + 30
#13 - chick + 28
#11 - 20
#8 - c begins to get down 4/9
#10 - " "
4/11 - 1930
17 - chick + 49
13 - egg 28 removed → 33
18 - 32 pipped

CIS - next #3 - 4/1 - 25013
WTS - 4/8 71 - 79 (75-80 is)
565-12105 ✓
00273 J ✓
00104 J ✓
~~00485 J~~
93 J ✓
12469 J ✓
12163 J ✓
00275 J ✓
00255 J ✓

8

4/8 RF fishing isle
66 - MB, SU
555-82909 - MB, SU
737-44300 - AF

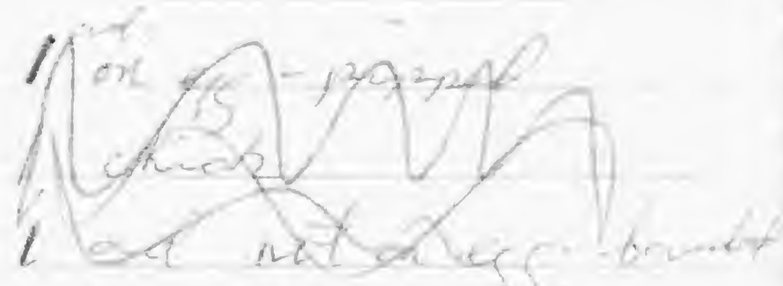
67 - AF
555-52580 MB SU
642-011 06 - GB

CN - 07 - 12 isle
753-30160 I - CN E
30127 I " E

WTS - islet 75 - 79
565-12933 I
89 I
54 I
24 I
44 I
15 I
57 I

4/9 WTS - islet 96 - 99
CN - 13 - 16 - is, n.e.; 17-2
30198 E
WTS - 80 - 200

RTTB - bunker
13.5/17.5 ; 49.7 4/9 (Indian)
4/10 - 9.I
RTTB



A C E 4/10
A IIII III IIII
10 III 570 III 3 IIII
RTTB - bunker
4/11 1900 82.8, 15, 21.5
4/12 1540 90.4
4/13 1930 99
4/16 1830 130.9 21.5, 25
4/18 1930 165.1 23.5 33
4/19 1830 208.5
4/20 1940 233.4 26.5 35
4/21 1930 238.6 27 35.5

4/11

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
1800 - x x ✓ x - (x) ✓ x x ✓ x - x ✓ ✓

16 17 18 19 20 21 22 23 24
✓ x ✓ x ✓ - x x ✓

Mot 5 - 15
11
176

Brown Booby

4/12

13 2c 15-2c 18-c

20 21

Area B

4/13 F - 77, 55, 58

CN - 43 (10) + 12 + 1 fledg

S - 10 c

BB - -- 76 - AF 41
77 - AM 42

GB - 9 c

642 - 01107 - L-4
08 - "

CN - 753 - 25901 - [illegible]

4/13 642 - 01107 - Bahama

753 - 25822 - 25 - CN, E, I
26 E
27 C
28 E
29-32 NE
33 E
22 - 42 34 S-4
35 NE
36-37 E
38 C
39 E
40 + [illegible] E
41 - Brood patch
42 E

14 - c - 1

4/14 16 - c
17 - c + 49
18 - c (20)
19 - c + [illegible]
21 - 2 c

4/16 Golden Plover 25002
wgt 173 tail 62 tar 49
wing 170 cul 24.5 m.t. 31.5

4/18 CN E 30 (1) + 5

7/20 islet

737-44457 - AF
38 - AM ~55
49, 55, 55, 47 pullet

BB - c+60, c+54(p), c+47

CN - 43 - c 34, 35 (5), 22

CBT - 6c (1 flu, 5 q) white [illegible]

Dock - CBT 7, 3c

CN - 41 c, 5 chic 47 c, c
45 " c " 47 " p
30 c+75 c " " 77 " c
46 c 70 " N

BB - 737-44055 AM, 28

next 30 - c+59
31 - c+ underwing
12 - c (53)
32 - c (dark) + 62
23 - c+37

Frigate checks -
62 9/c 21 5/w 13 2/tow 21 15/c 21
11 5 2/ 20/ 37/ 18 / 2
33

4/20 - Albino Sooty chick, near plot 3

wt	c	wg
75.6	20.5	30

4/21 BB - 39 - 2c
+ 22 - 57 p
+ 34 - 56 l
+ 20 - c + 34

4/22 30 - c+59
22 + 34 h

4/21

Called BB 25 2c, 26 2c, 27 c+6

F - 49 H

CBT - 042 0112 L-U

BB - - - 52 AM, 25

CN - 753 - 25851 E, S

52, 53

54 E, S

55 - E "

56 - E "

25674 E "

57 - E "

BB 57 - AF, 15

58 - AF, 18

REB 44125 I

44125 next 2 - ES puppet

next 1 - check 7-10-

CN - 753 25186 E, E

25855 - E, E

59 - E, N

60 - C, N

HN 042-0112 - ES 3/24

13 - " 4/9

4/23

CN 25761-70 E, S

30413 " "

30310 " "

25636 " E

71 - E, E

72-77 - E, P

78, 79 - C

80 - E

BB - 17 no check

39 - 44054 AM

4/24

723-44054 CN C, S

753 - 25881 - 900 - N, S

BB - In 25 2c, 26 2c, 27 1

44056 2c AM

CBT - Ia - Ic

5 - 12c

CN - 29e, 21c

753- 75851

- 15106

- 94020

70734 - BP

71796 - BP

16684 BP

98028 BP

71757 BP

14078 BP

98312 BP

95991 BP

21143 E

92767 BP

20615 E

20316 BP

14522 BP

11319 BP

75637 BP

743 - 72507

72551 BP

72570 BP

5/27/64

2
9
24-1-1-

753-75851
-15106
-94020
70734 -BP
71796 -BP
16684 BP
98028 BP
71751 BP
14078 BP
98313 BP
95991 BP
21143 E
92767 BP
20615 E
20316 BP
14522 BP
11319 BP
15637 BP
743-72507
72551 BP
72570 BP

5P2764

19
27
27
13
86

19372 - BP
14775 - BP
13667 - BP
11692 BP
75648 BP
16087 BP
193 30142 - BP
94828 BP
91022 BP
98392 BP
96622 BP
93561 BP
92431 - BP
12923 - BP
93662 - BP
91554 - BP
97928 - BP
99604 -
12942
12987
12412
11912
20901
91054
24494 E

21002 - BP
99113 -

737-44064 P
44609 OK

153-96644-X
25301X

535-13510-RI

5/27/64

~~August 28~~

76018 – Banded Pes leg

Returns

753-98849

75845

11720

10784

13978

15904

15128

25449

18685

72428

13667

10668

13781

Ruddy turnstone

204 g

Noddy tern

146 g

Blue
116

Bond
753-81102

wt 152
22.5
83

753-81202

#109: 170
26.5
88

Bird Tonnage

Blue
116

Band
753-81102

#1 152
22.5
83

753-81202

#109 170
26.5
88

Bird Tonnage

4/M - plot 1 - 6, - 12 IIIIII

7530-222-0078

FEDERAL SUPPLY SERVICE

GPO 16-73124-1

Memo de Sand

SAND - JOHNSTON 1964

A. B. Anderson
Sand Islands
1964

$\overline{XBB}(L)$

$XBA(R)$

$X \quad AC$

Number	Time	
#3	1345	March 25
#5	1412	26
#8	0830	March 27
#4	2300	March 27
#1	0810	March 28
#7	2230	March 28
#2	2240	March 30
#14	2240	March 30
#9	1345	March 31
#12	1800	March 31

1 3 4 5 6 7 8 9 10 11 12 13 14 15 16 18

1	3	4	5	6	8														5
III	~~IIII~~ II	~~IIII~~ I	I	~~IIII~~ III	III	I	II	IIII	II	I	I		III	I	I	I	I	I	
3	7	6	1	8	3	1	2	4	2	1	1	0	3	1	1	1	1	1	49

11

2

Return 3/27

753-10099 Aug-next

March 28, 1950

Johnston Red-Headed

565-12080 - A-U - [illegible]

12081 - A-U - not seen or dead

12082 - A-U - seen or dead

12032 new chick (?)

12047 new chick (?)

12053 new chick (?)

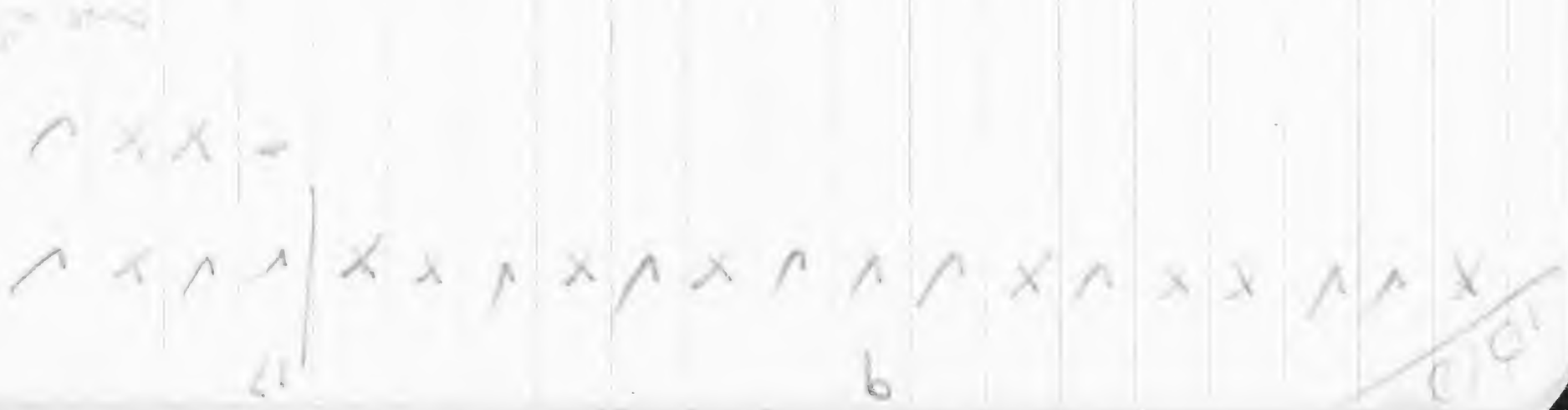
12083 - A-U - seen or dead

12084 - A-U - seen or dead

Blue Faced Booby

737 44163 SA - ♀

733-91984 nesting



Rotten Nail Bags

615-00788

615-00765

01023

00774 -

565 12379 -

565- 12400 -

5 5-00482 -

00181 -

565- 12327 -

615 - 00220 -

~~565 - 12362~~

615- 00154 -

[illegible] -> 565 12501 -

615- 00451 -

565- 12311 -

12542 -

12799 -

615- 00561 -

00516 -

565- 12725 -

615 - [illegible] -

Mix-C 20

615-01146 - 70

565-12512 -

615 00601 -

565 12189 -

565-12736 -

~~615 - 00677~~ -

615 - 00570 -

565-12677 -

615- 00310 -

565-12360 -

565- 12279 -

615 00452 -

565 12164 -

615 00311 -

615- 00586 -

~~565 - 12360~~

565 12149 -

615 - [illegible] -

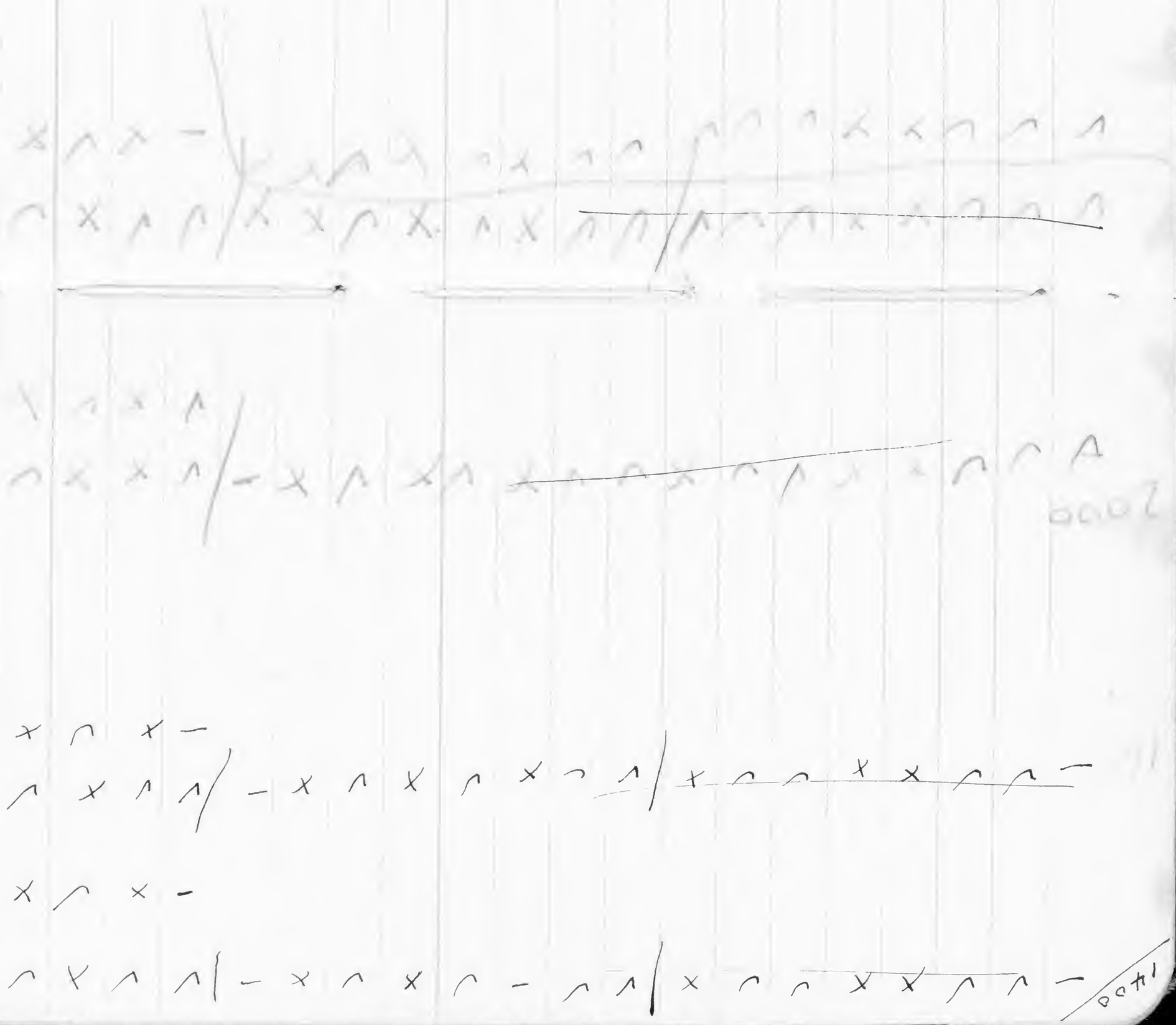
565 00307 -
565-12207 -
565 00256 -
565-12213 -
565 00502 -
565-12715 -
565-12800 -

Marshal MAQT
733-25774-25800

74, 82, 81, 75, 90, 800

514-780 30 Xmas Ave

Nadine Tuttle
733-30477
-30285 I
723-44035



7 1 11 11 ~~111~~ ~~11~~ ~~111~~ 111 111 11 11 1 11

1 $\boxed{1}$ 111 1

2 2 2 6 2 6 2 2 2 2 1 2

1 11 1 1 1

Month	30.	Total
March	31	48.5 gm
April	1	67.6 gm
April	2	69.5 gm
April	3	84.9 gm
April	6	108.8 gm
	8	109.4

Folt 2 BMR 485

753-11970 T

753 10063 T

46 [illegible]

166 6

169 8

170 6

174 8

April 3

85 A-11 [illegible]

86 A-11 [illegible]

87 A-11 [illegible]

88 A-11 [illegible]

89 A-11 [illegible]

565-12016 A-11 [illegible]

90 A-11 [illegible]

4/6/64

565-12601

565-12136

565-12101

152 31.4 gm

153 27.1 gm

Wed Tel 6/7/6x
615 01150 → 200

(18)

565-12490
12459
615 00012
565 12113
~~00788~~
12393
00
00
~~00785~~
00783
12741
12948
00762
12472
12721
00681

04/09/64

168 A 9
169 SA - U

~~794~~
12473

665 129 = 4
129E0
129 18

4/10/64

12091 A-u

12092 A-u

12093 A-u

12094 A-u

		4
1111	111	~~1111~~
		~~1111~~

12095 A u

4/13

753 15925 J on eg

753 18208 J on eg

4/13

642-01109 A-u B-L

[illegible]

DA 753-30155 A-u [illegible]

DA 753-30154 A-u-Q

[illegible]

[illegible] A-u

[illegible] A-u

[illegible] A-u

[illegible] 00126 T

4/13 (55)

565-12757 ✓

12167 ✓

12175 ✓

615 00674 ✓

~~00735~~

~~00790~~ ✓

00727 ✓

00320 ✓

565-12737 ✓

~~[illegible]~~ ✓

~~00761~~ ✓

~~12462~~ ✓

00731 ✓

00668 ✓

~~00497~~ ✓

00122 ✓

~~00273~~ ✓

~~00351~~ ✓

565-12540 ✓

12243 ✓

[illegible]	00422
12122	12390
12279	12296
00488	00186
00404	12603 DP
00239	12611
00185	[illegible]
00189	[illegible]
[illegible]	00411
[illegible]	12934
00118	00439
00622	[illegible]
00225	[illegible]
00646	00490
12486	[illegible]
00232	00115
12583	00129
12599	[illegible]
12115	00113
12186	

[illegible]	
[illegible]	
[illegible]	
[illegible]	
[illegible]	
12218	
12210	
[illegible]	
[illegible]	
12932	
[illegible]	
12919	

185 - 9/14 E Bank

186 - /13 S

187 /14 S

188 /13 S

189 /13 S

Blot II 2 150 13/19

04-14-64

~~#16~~ 44078 A ♀

~~II 32~~ ~~44006~~ ♀

37 44026 A ♀

13 44079 A ♀

Free 44080 A ♀

38 44081 A ♂

21 082 A ♂

10 083 A ♀

1 084 A ♀

egg II's 44103

8135-200-822
Tilden
Qty 00025
RKD 4/5/64
WT 5.20 Cu 52.24

4/14

565 12017 - under scaw
corn power bldg land sg 4/13
painted blue
12015 under fuel tank
painted blue land sg 4/13
egg broken 4/14-15

12022 painted Blue
nesting under scaw
in front of shop

Return
753-13708 Nesting ST
753 11621 ST
753 16216
753 19295
753 11864
753 11133
753 12812

4/15

Wedge tailed [illegible]

12301	00518 ✓
00413 ✓	12373 ✓
00192 ✓	12[illegible] ✓
00272	01603 ✓
12366 ✓	12343 ✓
00196 ✓	12182 ✓
12142 ✓	00322 ✓
00211 ✓	00550 ✓
12776 ✓	12142 ✓
12762 ✓	12326 ✓
12353 ✓	00372 ✓
00376 ✓	12333 ✓
[illegible]	12632 ✓
00333 ✓	12388 ✓
12526 ✓	00569 ✓
00519 ✓	00351 ✓
00592 ✓	12388 ✓
12265 ✓	00477 ✓
00650 ✓	12[illegible] ✓

~~00536~~

00534 ✓

12202 ✓

00577 ✓

00282 ✓

12759 ✓

00531 ✓

00522 ✓

12600 ✓

00652 ✓

12194 ✓

12585 ✓

~~00616~~

00570 ✓

00629 ✓

00618 ✓

00318 ✓

00331 ✓

00534 ✓

00542 ✓

00532 ✓

00647 ✓

00556 ✓

12339 ✓

00326 ✓

12562 ✓

4/16 16

Finished

next 23 44013 ♀ return BB

egg 6 44177 ♀ RF

egg 8 107 RF return

56.3 49.4
• 11 w 7
4001
563
563
659.31

4/16

Plot #5 dead 168, 178, 177

eggs rem.:
11, 12, 19, 17, 11, 28, 14

Laid H
#182 14 19 15 16

Plot #6 dead 152

P
28, 22, 31, 23, 18, 27, 29, 8, 14,
P P
[new egg? 16] 23, 6, 27, 15?, 16, 16

16, 27 broken

plot 4

P P cold
egg rem: 17, 18, 13, 28, 28, 29,
~~29, 28, 15~~
broke X | 1, 17 |

#3 dead ch 142
egg rem
egg hatch 30

793 - 50075
nesting N [illegible] #3

#1
[illegible] 31, 17, 25, 8
[illegible] 120

[illegible] N [illegible] not 1
753 25335

4/17

R TT 3 TT

96 N TT nests

97 S TT nests

031 big comm lobby

Ad	chick	dd egg	New Eg
TTTT	III		III
TTTT		IIII	
III			

4/20

Bulwer's Petrel

642-01110 A-4 S of Cousewa in burrow

4/20 (62)

00707 ✓
~~12553~~
12439 ✓
00705 ✓
12208 ✓
00666 ✓
00713 ✓
12341 ✓
12629 ✓
12545 ✓
00133 ✓
12349 ✓
00128 ✓
00450 ✓
00431 ✓
12514 ✓
12532 ✓
00683 ✓
00209 ✓
~~00661~~

12506 ✓
12587 ✓
12506 ✓
12569 ✓
12528 ✓
00559 ✓
12557 ✓
12107 ✓
12292 ✓
12507 ✓
12517 ✓
12278 ✓
00137 ✓
12523 ✓
00622 ✓
00362 ✓
00627 ✓
12238 ✓
~~00510~~
00180 ✓

1	00531 ✓	12252 ✓
>	12355 ✓	00826 ✓
1 >	12314 ✓	~~00672~~ ✓
X >	12170 ✓	12484 ✓
> >	12560 ✓	00671 ✓
1	12272 ✓	00739 ✓
1	12106 ✓	
1	12179 ✓	
1	00346 ✓	
X	12146 ✓	
1	12699 ✓	
1	12373 ✓	
1	00310 ✓	
X	00530 ✓	
1	00327 ✓	
X	00344 ✓	
1	00356 ✓	
>	00710 ✓	
1	12373 ✓	
X	12769 ✓	
X		

4/21

next #15 A-f 87

#18 A f 88

#24 f 062

44175 RT SIm

zipped 44125 RF-A.4 H2

NT

~~rod~~ 180 L 15 H 21

RTTB

238.6 27 33.5

~~recov.~~ WTS 565-12024

276.1

4/24

New	old	old	ch
14	2	4	4

one egg chicks just hatch

return

on JI 615-01198 WTS

4/24

KTTB JI.

98 new eggs

99 old eggs

100 new eggs

13501 – Nest line

502 Adult + old eggs

503 + chick

504 A-u

505 A-u new eg

12055 broken new eg

48 new on egg

45 new on egg

4/25

RTTB 280.6 30.5 42.5

Scapulare coming in

sec. + sec cov. still in sheath

prim. + ter (½ length other)

ST 753-11341 ~~re~~ retest

4/27

17 +

35 1 hat

22 1 hat

28 1 chuckgar 1 left

Remarks 4/27

LTTS 615-01194 ✓

753-90044 ✓

753-74297 Dest

4/28

#1 419, 416

743-72028

Sooty Tern ~~Recover~~ Return

743-72028

753-11797

753-14880

723-62872 broad patch upchucked squid from FFS.

RTTB Recovery

565-12020 Died not under scan.

4/29

753-14524

4/29

Wed. T. return

565 - 12567

12679

4/30

753 10485

5/1

743 - 72997 71677

753 10050 71750

+28099 10463

18196 90460

11853 15270

13664 94547

10038 71509

10028 11525

15270 18817

12610

11241

16672

11128

96314

10982

11956

13208

72805

723 - 44001

13643

29

535-140 55	A-u	
56	A-u	
57	A-u	
58	A-u	
565-12063	A-u	
12 081	A-u	
59	A-u	
60	A-u	
61	A-u	

A	E	N	ch
~~IIII~~	~~IIII~~	1	II
~~IIII~~	III		
~~IIII~~			
I			

CV

	L	H		
132	25	1	S	
134	28	1	P	
136	27	1	P	
141	27	1	P	
142	27	1	P	
143	29	2	S	
146	28	3	P	wt. 25
115	29	3	P	29.2

3 5-2

753 13665

94281

12383

11058

11117

18895

16484

97597

93798

12348

12710

16423

12389

12725

12711

21554

73502

95984

21963

16487

12768

10500

13642

17265

13871

11837

91908

12327

10024

11589

15224

10080

743- 72531

5-2 3

753-70787

-30154

-13374

5-3

(11)

753-10048
11584
743 72728
10026
19408
72926
11147
13879
10038
16819
743-72466
7

recovery
753-99319 ✓

75-41

1 ⇒
2 ⇒
3 ⇒
4 ⇒ page

(7)

return
753-14795 ST.
75663
75649
75619
12861
723-44001
753-23135

recovery 753-96858

MICE Returns

Line 1	Line 2
# 3	1 Ukt

1 unknown

```
      13.
1.8 | 25.0
      18
      70
      54
      160
```

540

40

76.5

5/5

BB

# 33 –	44057	♂
# 33	44073	♀
possible nest but	44089	♂
# 28	44090	♀
~~# 2, 3~~	~~44035~~	~~♂~~

RF

nest #	44178	new clu 5/4
nest # 8	44179	

BB

B2	44091	
B6	44092	
B7	44093	
B1	44094	
B4	44095	
B ~~B~~	96	
B ~~11~~	97	44060
B 5	98	♂ 44062 ♀
B 14	99	
B 16	100	

CN

Blue 76	28-5	
77	29-4	
78	29-5	
79	29-4	
80	29-4	
81	30-5	
82	28-4	
83	28-4	
84	29-4	5
85	31-5	
86	31 5	
87	31 5	
88	31 6	
89	31 6	
90	27 6	E
91	30 6	

5-5 return (6)

753-94895

93225

10295

98678

13232

18817

recon. 753-30948 ✓

Wedge + Sher

615-01346 -

54

5-5

52 W T S return

12310
~~[illegible]~~
12309
00105
12386
12739
00676
00742
01021
12302
12550
00252
12285
00168
12223
00980
~~[illegible]~~
12148
00969

01009
12592
00764
12278
01017
00746
00359
00577
12397
00521
00332
00374
00591
00595
12174
00566
00526
00528
00529

00687
12580
12320
00589
12116
12111
00508
12249
00623
12785
00515
00576
00213
12536
00553
~~[illegible]~~
~~[illegible]~~
12793
12530

00525
~~[illegible]~~

5-6

GBT 642-01114
15
16 } Local disks
17, 18, 19, local disk

NT (local)
753-25902-6

NT adult
253-26001-26050

~~TS 30399~~

18 SI 6 CN

753-14322 ST
-15625 ST
753 30399 CN
15652 ST
30324 CN new ver 424 (P)
10887 WTS
30242 CN
17000 ST
25740 CN
30284 CN
30181 CN
20727 ST
98849 ST
75845
11720
10784
13978
15904
15128
25449

18685
72428
13667
10668
13781

5-7

Tropic B.

12018 under cover

5-8

753-21800 ST

5-8

#4 in 22

#8 in 25

#6 in 7

#19 in 17

#10 [redacted] in 19

#3 in 10

#14 in 9

29 corner

11

26 center

17

83

6 8
12 CN

5/10

743-72584 ST
753-15643 ST
743-72242 ST
753-25861 CN a
25865 CN e
5886 CN e
26032 CN
30113 CN
24812 CN e
25659 CN e
25600 CN e
753-24866 CN e
753 30163 CN e
753-20203 ST
13253 ST
753-30382 CN e
753 30403 CN e
753 10265 ST BP

62
55
63
78
86

52

6 12
6 6
19
6
7
11
36
29
120

r8

5/11

753-17775 ST
80542
21800 ST
753 26013 CN

798-50128

793 50105 u new checks in mail today.

5/13

655-700 pm	617
710-715	598
735-740	659
745-750	953
755-800	755

4136
182
2316

313.4
182
131.4

343
182
161

322
182
140

5/14

Sooty chicks

753-82975 #113

wt 195.8 ; 28 ; 133.5

753 82952 #118

183.5 ; 27 ; 97

753-82965 #102

225.7 ; 31 ; 196

753-82924 #119

131.4 23.5 ; 56

753-82925 #111

231.6 29.5 158

753-83000 #112

188.7 28 80

753-82933 #110

161 25 100

753-82926 #124

114 21 42

753-82823 #122

140.2 22 51

#31 N 601
#30 N 602
055 #20 603 ♂
#20 N 604
∴ #22 N 605
#24 44027 ♂
#24 N 606
#18 N 607
#29? N 608
44013? N 609
#19 44025? new page (77+78)
44015? N 610
#31 N 611
44060? N 896
#10? N 612
#21 N 613
#35 N 614

RF 44103 #5 w/c
44180 N #1

RTTB
535-13506 under cement N dw

642 01008

#115 753-84007

200 29 141

ST ~~etc~~. 753-10579

#107 753-84024

210 31.5 193

#106 753-84049

220 31.5 170

ST 753 24494 [illegible]

753 92577

5/18

A E N C O N

~~IIII~~ ~~III~~ ~~III~~ I I

535-13507 A-4 eg

13508 A-4 eg

13509 A-4 eg

~~13510 A-4 eg~~

5/20

193Y - 935
18LR - 930 1
165Y - 953
194Y - 45
186Y - 22
163Y - 48
161Y - 08
152Y - 43
166Y - 18
151Y 37
195Y 15
81R 20
167Y 39
168Y 10
191Y 33
192Y 2
179Y 25
169Y 59
188Y 27
159Y 56
170Y 12

753228 45 5T BP

164Y - 17
200 - 55
150 - 16
197 - 51
196 - 24
172 - 64
190 - 70
114R - 61
123 - 76
185 - 88
180 - 72
157 - 73
198 - 94
179 - 71
155 - 89
182 - 92
183 - 81
174 - 80
153 - 93
5X - 97

175 - 45
178R - 96
176 - 98
184 - 99

5/20

GB

642-01121

22

#NT

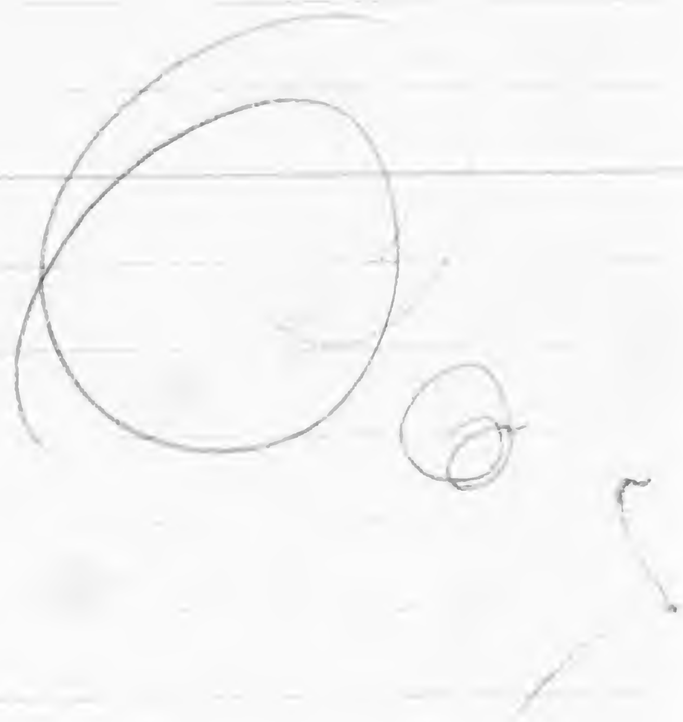
23 (109)

24 (104)

25 105

26 102

27



5/23

Recover

753-25975 CN Circle

753-78657 Sally

5/25

~~Recover~~ Return

753-14749

753-91741

753-23,895

753-10473

Recover

753-85300 ST ch

753-81124 ST ch

in road - broken wing

return 5/26

753 15376

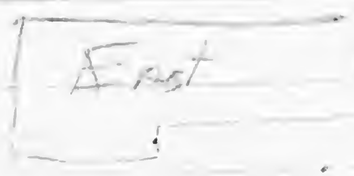
Recov. 753-72976

83079 dest.

737-44366 737-44171

21 [redacted] eg
17 el

Return
753-96786 ST
753-11154 ST



5/27

753-10431 eg
753-11319 hvond petal
753-20530 BP
753-90746 wel
753-23217 eg
753-12312 BP
753-97308 wel
753-14911 e
753-12676 e
753-22134 e
753-99604 BP
753-25729 BP
753-18521 e
753-90864 e
753-10431 e
753-12942 BP
753-91198 BP
753-14573 e
753-14558 e
753-14106 e
753-18025 e

753-19922 c
75719 c
10048 c
20366 BP
14299 BP
753-19994 c
753-20564 c
20185 c
20370 ?
20672 c
20045 c
23394 c
24590 c
20068 c
20833 c
14482 c
16556 BP

5/27

RTTB A-U535-13510

30
17 | 625
51
15

5/5029

RTTB 535 - 13511 under ground
565 - 12015 under water

753 - 85501 - 86000
86001 - 86501

	T	S		
9.30	8	6	150	
11.30	7	5	118	
	15	11	268	5.6

176 gm

0.67 oz/ton

500 | 31 oz

Time	T	S	N	WT
8.15				
2.10	15	10	100	167
2.10-3.15	9	5	100	117
3.15-4.15	8	3	100	48
	T	S		
2.10-3	11	5	100	106
3-4	12	8	100	176
	55	31		614

Au 19.8

150
32
118
.06
1500
1340
1600
1340
260
1
500 | 5500
500
500

1334 5449 ST

M1 — 106

5/29

753-13299 ✓

F	B
29	190
	100
	150
	100
	200
	25
	25
	400
	500
	1600

753-30117 CN-BP

5/31

753-86540 — 101

531	118
524	105
553	136
584	124
597	126
539	140

	S	T	B	Wt	Au
2+	10	20	100	176	17.6
2-5	11	13	100	147	

S	B	
52	700	7.4%

18.2 gm per sample

753-82324 Lost.

753 85905 Lost. ✓

5 7 6
6 13
11

b/1

RTTB

565- 12010 A-u remarked

86,875 - FF122

ST 753- 20611 Au -e

7 - 5 100

9 - 5 100 -

ST 753-72395 Au

ST 753- 21637 e

ST 753- 20143 BP

753-80955 ST Clinch ✓

ST 753-16497 A-u

753-70999 A-u ✓

b/2

CIS 514- 13
Dist of chick leg bone

CIS 514- 78009
Dist of chick & wing bone

ST chick dist.
753- 80358 ✓
80655 ✓
80092 ✓

Person 55 cm eggs
BB 28 leg
2 wing
2 leg
RFB 6 dt 1 g

753-10280 ST e ✓
15251 ST ✓

ST 753-15531 BP
753-22814 BP
753-12846 BP
753-24494 e
753-11243 BP
22845 BP
22624 e
23589 e
15743 e
15858 BP
93125 No BP
743 12935 No BP
753 15619 ?
18331 e
94993 BP
98940 BP
13949 e
94450 BP
19486 BP
17215 e

16622 BP
753-81465 e
753 22058 e
10088 BP
15760 BP
13728 BP
13854 BP
14487 BP
10596 BP
11604 BP
15221 BP
19883 BP
10473 BP
565-12013

723-44028 NT - Ashmolean
565-12862 WTS

A	I
30	30
30	55
30	65
30	1
30	11
30	8
50	0
50	17
25	
23	
17	
15	
418	
378	

378	
170	
548	

3 weights

5	
14	1
11	2
12	
2	
39	3

42

.076

551 \4200

3857

3430

6-7

753-87001- 89000

139 - 753-87053

net 743-72120

6-8

753-89001 - 90000
793 - 74001 - 75000

753-15166
14766
15405
14702
14718
net 753 80334

6-9

793 - 75001 - 77000

net.
743-72527 ST.

6-10 R116 - 793-77171

753-14893 ST BB

157 - 62

158 - 62

159 - 62

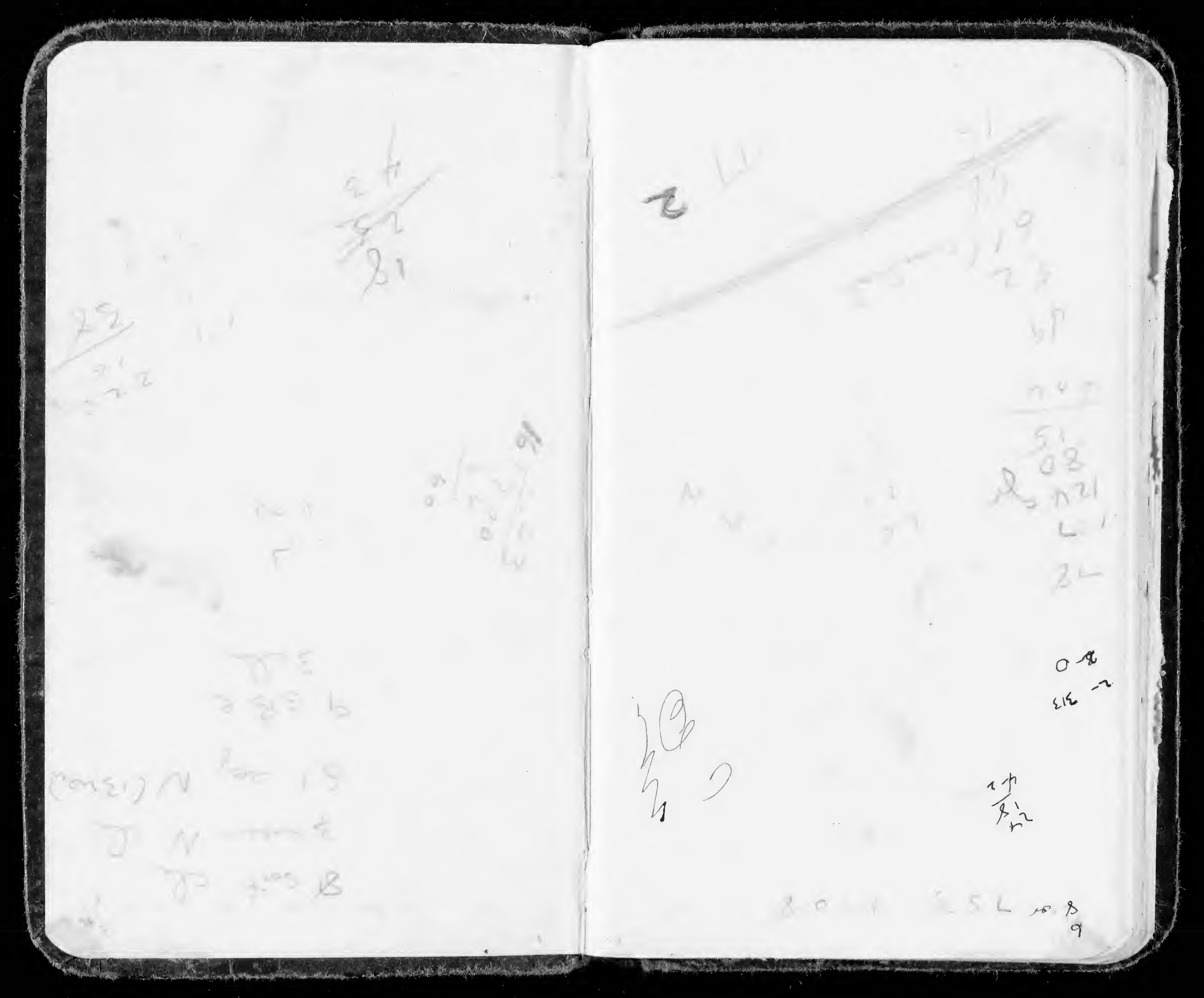
160 -

161 - 6

162 - 6

163 - 6

164 - 6




7530-222-0078
FEDERAL SUPPLY SERVICE
GPO 16—73124-1

Cameron
Teppler
gegen
Sandt
Einstein
Oct
1964

total length 13 3/4 in.

tarsus 2 5/16 in.

wing 11 in.

tail 5 1/8 in.

bill 1 1/8 in.

wt. 280g.

C. Kepler
Division of Birds
Smithsonian Inst.
Wash. 25, D.C.

P.O. Box 9187

3 rt. to F
1 lf. to I
rt. to H

Mrs. Herbert M. Church, Jr.
Pac. Proj.
S.I.
Birds
Wash. 25

Dr. Ely
6139 Pahukoia St.
Kuliouou, Hawaii
391-03

Dennis Lees 620-655737

Date	Item	Receipt #	Price
6/10	Air Fare		474.50
"	Trav. checks		11.30
6/11	Cab fare Museum to Airline Terminal		1.00
"	Airport Bus		2.50
~~6/11~~	~~Gas, rented car~~	~~E~~	~~4.85~~
~~6/15~~	~~Gas~~ Warren's Bill	—	~~5.00~~
6/15	National Car Rental	Warren's Car (1)	$58.76
6/15	", Deposit	Car (2)	$50.00

left at main gate
to Traffic sign, turn rt.
to Stop sign, ~~of~~ then rt to 1st
park lot. Yellow lines park.
3rd floor. PLO.

ITINERARY

Lv.	Museum	— 6/11 —	1000
Ar	12th & K	"	1015
Lv.	" (Bus)	"	1050
Ar.	Friendship	"	1140
Lv.	Friendship	"	1200
Ar.	Chicago	"	12:45
Lv.	Chicago	Daylight Central Time	3:00
Ar.	L.A. —	Pac. Day. Time	4:45
Lv	L.A. —	"	5:40
Ar.	Honolulu	— Hawaii Time	7:30

Popoia - Oahu

12 June 1964

Wedge-tailed Shearwater #5

615 - 15601 - 25 A - U

Bulwer's - #2

652 - 42156 - 67

Manana I. 14 June

773 - 47601 with Sooty Tern

47701

47801

47901

753 - 40501

40601

40701

40801

40901

#753 - 41001

41101

41201

41301, 41401

P ~~APOIA~~ - ~~RETURN~~

MANANA

753 - 41501
40601
41701
41801
41901

Kaupo Beach
WAWAMALU

KULIOUOU Mangrove Swamp (Tidal - low tide)

Black-necked Stilt - 50
Golden Plover 10 (2 in breeding plumage)
Wandering Tattler - 2

MOKUAUIA - 18 JUNE '64
Banding = 615-15626 - 32

544-45478
615-03961
615-15- - -
544-45417
615-07703
544-45408
" "16

Looked at Band
Sound on birds
in summer

Specimen 10203

Sooty Tern — Ad.

Feet: Black

Bill: "

eye, ~~eye rims~~ NAVY blue

Testes: 5 x 2

21 June 1964

MOKU MANU

Bulwer's Petrel 1, prob. on egg.
in burrow in cliff face.

Wedgetailed Shearwater
Most on eggs, many burrows

Xmas Island Shearwater - ≡20
young, large downy young, no
contour feathers, restricted to E.
end of island.

Brown Booby - 150 - 200 nests
few eggs, most with young, no
counts but most young not
primaries or contours.

Red-footed - 400 pr.
Most with young, first

getting primaries and secondaries

Masked — 7 pr.
on eggs (2)

Frigate — 350 - 400
≅ 90% ♂♂

Sooty Tern — 15,000 - 20,000
(pers. com — M.O.)
most young fledged or about to

Grey-backed — 20
1 local young

Common Noddy — 3 - 500
Most on eggs on leeward side,
more young on top

Moku Manu

Hawaiian Noddy. 300 - 500
Many fledged young.

1 Wandering Tattler.

Popoia Island — 23 June 1964

✓615 - 15633 - 37

Wedgetails → banding

Recovery — 595 - 65832 — Dark Phase

Banded 4/15/64 { 595 - 65852
615 - 14620

5 cc blood (Bill Miller)

✓615 - 04897 — 5 cc blood, on egg
615 - 07144 — 5 cc " " "
615 - 15650 — 4 cc " dark phase, " "
615 - 15651 — 5 cc, on egg
615 - 15103 — 5 cc, " " band on left leg.
615 - 06294 — 5 cc, " "
615 - 04760 — 5 cc, NO EGG
615 - 15648 — 5 cc, on egg

615 - 14861 5cc, on egg
615 - 06088 5cc, " "
615 - 07224 " " " "
595 - 65515 " " " "
615 - 15688 " " " "

615 - 15657 - Tried for blood, missed / bent.

615 - 99,00 - lost

Dark phase 59, 61, 95

Bulwer's Banding
652 - 42168 - 76

Wokolii

24 June 1964 ~~Molokai~~

~~For Boobies - start with 597-12618~~

615 - 15701 - 25

Dark phase 9, 12, 14

27 June 1964
Eastern Isl - Midway A.

Recoveries:
LAYSAN A - 757 - 86196
Flattened bird, airstrip

Rare - To do
1) Birds
2) Recovering tags.

George W Kolocki

GHR to Midway on
Sunday, July 5
Any NHTS flight as soon as
possible thereafter.

MIDWAY - Sand ISLAND

Recovery: Lagoon - Jimm.
✓ 757-74975
Bird hit & killed in
road - 28 June 1964.

Return: Phaethon rubricauda
605-11155 ✓
605-11178
Both on eggs, 5cc blood
taken.

Specimens:
27 June 1964
Eastern Island - Midway
✓ 1. Sooty Tern - found with
broken wing, beach.
2. Wedgetail - died following
blood sample.

28 June 1964
SAND ISLAND - MIDWAY
✓ 1. Red-tailed Tropic Bird -
died following taking of blood
sample.

29 June 1964 EASTERN - Mid.
RETURNS, Red tailed Tropics,
5cc blood. 605-11 802, 809
709, 814
806
821

29 June 1964 and 4th.

Hawaiian Noddy Census
≐ 3 nests/tree

29 June Eastern Is.
Colony of Gray-backed Terns
≐ 50 nests – 1 egg/nest –
~~[illegible]~~ 1 found with / downy
chick ≐ 1 or 2 days old.

2 ≐ 10 Common Noddy nests,
2 found, had eggs.

Specimens on Eastern 29 June 1964
2 Laysan Albatross Chicks
1 Sooty Tern (broken wing).

Return - 587-52708 R.F. Booby

To do:

1) Tell Kekahuli to relay
Ely's message to
Wisloski.

Stedle will arrive Midway
July 3, arr. Kure July 5.
Joe is NOT A Replacement,
but the new 3rd man.
Ely requests Geo. remain
at Kure, but he may
leave if he is so
inclined.

In Barbers: If trouble with
getting blood in call Col.
Fritchie at 430-28185 or
" -28175

Rainodograph, Ink — 5.64
Sunglasses
Haiient
coolers — 3.62
3.82

Dry Ice — Iwilei, st.
to Gasco —
dead end st. behind gasplant.
Kiwili st.

235.75

Bob George

Eldridge — 982-352
3588 Kumikoa St.
Manoa Valley

Oahu to Kumboa.

Services Division
Mail & Special Order Section
Far East Exchange Service
A.P.O. 503, San Francisco,
Calif.

Asahi Pentax SV 51.8 w/case		84.25
Exposure Meter		10.75
Wide Angle Lens 35 mm	53.5	27.00
Telephoto Lens 300 mm	54.0	105.00
Bellows		8.75

Military Order
Money Orders
Order Forms

Ships one to Dr. Ely — 84.25
+ mailing 10.00

Parcel Post

Ships to me,
airmail 235.75

Money Order to:
Custodian
Exchange 787 Fund

To Get:
Money Orders $95, $250
Laundry Bags
Razor Blades
, Towel
Stroller
Shorts, T-shirts

Pipette Dropper

US Coast Guard Loran Station
APO 105
San Francisco, Cal.

VIII - 11 - 64

Mice

21 —
22 - 237
23 - 225
24 - [redacted]
25 - 270
1 - 277
2 —
3 —
4 - 265
5 —
6 - 260
7 —
8 - 266 ♂
9 - 269
10 - 276
11 - 65
12 - 72 ♀
13 / 20 ♀

14 —
15 —
16 - 252
17 - 261
18 —
19 - 244
20 —

Wedgetails

VIII - 11 - 64

1050 AM	2050
2 —	N (no egg)
3 - P	P
4 —	—
5 —	—
6 N	N
7 N	P (outside burrow) egg destroyed
8 N	N
9 —	—
10 P	P
11 P	P (nonpainted outside)
12 P	P
13 N	N
14 —	—
15 — (chick)	N
16 P	P
17 —	—
18 P	P
21 N	N

Wedgeteil – Islet VIII – 11-64

#9 – white young – #155 Y
#1 – brown young – #159 Y

Repeat 753 – 86966 Emm. Eooty
VIII – 11 – 64

Ret. 753 – 19229 Return Eooty
Rep. 753 – 78052 "
Rep. 27568
Ret. 17946
Ret. 21728
Ret. 20535
Ret. 12854

Brown Booby – #1 ~15' from nest with egg

737 – 44012
737 – 44038 #2 on egg
737 – 44606 #3 – YOUNG
3 } with jesse
Next to green Glade
737 – 44607 Jesse, YNG. (4)
737 – 44099 " " (5)
737 – 44081 Adult Jesse (6)
44025 ", with downy young (7)
737 44620 young, Jess (8)
VIII – 13 – 64
753 – 26450 Noddy yng

Wedgeteil Islet
#9 – young died 8/3
#1 – " " "
#5 – white chick – #160 Y

3 rolls - Movie Film
$1.95 money order
Return Pants
Check camera with S.

VIII - 14 - 64

I slept - potatoes as before

VIII - 14 - 64

Wedgetails

1 N
2 —
3 P
4 —
5 —
6 P
7 —
8 N
9 ~~N~~
10 N
11 P
12 N
13 P
14 —
15 N
16 P - Chick
17 —
18 P
19 —
20 —
21 N

Noddies - VIII -14-64

VIII +5-64

S.S. hora - 11

NE(e) - 7

NE(w) - 16

S Shora

9 eggs - 2 hatched

G29) 1 hatched (laid 7-6) black

G30) 1 hatched (" 07-16) gray

NE (e) - 6 eggs

G31 hatched 8-15 (L7-10) white

NE(w) - 16 eggs

Wedgitails - Inlet VIII-15-64

#15 - hatched (white) - f 163

Mice VIII -15 -64

21 245 dead

22 239 "

23 240 "

24 —

25 —

16 —

17 260 "

18 —

19 ~~64~~ "

20 —

11 - 54 "

12 - 266 (?) "

13 221 "

14 272

15 —

1 - 275

2 —

3

4 - 231

5 —

6 - 267

7 - 65

8

9

10 ?

Wedgefield

1 - E
2 - PRED 615-00526
3 - P
4 - E
5 - E
6 - P
7 - E
8 - Pwhite 535-14072 (Banded Tonite
9 - PRed - 615-00423
10 - Pwhite 615-01121
11 - chick only
12 - R
13 - R
14 - E
15 - R
16 - N (CHICK)
17 - E
18 - 535-14069 White R, W
19 - DES
20 - DES
21 Pwhite 615-00621
22 - PRed - 565-12177

VIII-15-64

29 - 615-00180 - RED

23 chick only
24 PRed 565-12347
25 PRed 535-14073
26 PRed 615-00202
27 PRed 615-00515
28 PRed 615-01328 (chick)
30 PRed 565-12450

Last # 281

Mice – 8-16-64

16 – 256 D
17 – 280 D
18
19
20 268 A
21
22 – 254 D
23 – 72 D
24 – ~~[illegible]~~
25
1 – 278 D
2
3 – 59 D
4 – 265 D
5
6 273 D
7
8
9 – 269 D
10
11
12
13
14
15

Noddies

8-16-64

5 Gibers 9 eggs
2 young missing

535 – 15353 RTTB
eggs prepped
~~VIII~~ -16-64

Noddies – NE(e) – 4 eggs
Still wet 7/11 hatched 1 gray G 33
BLACK 7/11 11 – G 32
Ne(w) – 16 eggs
1 new egg

Noddy (Ad) – Recovery
753-25840

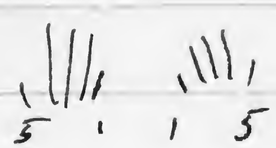
VIII - 17 - 64 ✓

VIII - 18 - 64 ✓

Chip nest: 282

Mice:

	~~[illegible]~~			Count (inside out)	
1.	279 ✓	248	14		—
2		—	15	265	266
3	266	226	16		—
4	217	—	17	282 (6)	284 ♀
5		—	18	278 (2)	211
6	287 ♂		19	230 ✓	252
7		—	20		285 ♂
8	230		21	263 ✓	—
9	242	237	22	253 ✓ ♂	—
10		222	23	251 ✓ ♂	213
11		286 ♂	24		—
12		—	25.		255
13	283	261			



Bobbies Nest

A - egg (Ad #2)
B - Jw - flight
C - Jw, down on head only
D - dony young
E - Jw - flight
F - " "
G - " "

1 oddies ✓
NE(e) - ✓ 4 eggs
NE(w) - ✓ 15 eggs
1 " lost

7/13 hatched black - 6-34
5 Shore ✓ - 8 eggs.
1 " missing

~~VIII~~ -17 ✓

Wedgelands

1	—	18	P
2	R	19	—
3	N	20	—
4	—	21	N
5	—	22	R
6	—	23	Chick
7	—	24	R
8	W	25	—
9	R Chick	26	N
10	R	27	N
11	R	28	N
12	Chick	29	R
13	—	30	N
14	—		
15	R		
16	N		
17	—		

~~VIII~~ -18-64

✓ Wedgelands Lot

grey #17 - 9164

grey #19 - 4167

~~#17~~ Wedgelands - Plot ✓

30	R	15	Chick + R
1	—	16	W 565-12356 + Chick
2	W 615-00603	17	—
3	eggs pipped W 615-00713	18	R + W
4	—	19	—
5	—	20	—
6	R	21	W
7	—	22	R
8	R + W	23	Pw -615-00384 -565-14075
9	R	24	R 565-12322
10	W	25	W
11	Chick	26	chick + 615-00523 W
12	—	27	W 565-12785
13	R	28	W 615-00505 Chick
14	—	29	615-01120 W

Mice VIII - 29 - 64

1	290 ♂	13	248
2	217	14	—
3	291 ♂	15	—
4		16	—
5		17	— 288 ♀
6	266	18	- 283 (2, 1-3, 3)
7	—	19	—
8	—	20	
9	289 ♂	21	—
10	277	22	—
11	—	23	95
12	22—	24	—
		25	281

Sooty Tern - ~~Recovery~~ Repeat
753 - 79513

Wedgetails 8 - 22 - 64

1	—	16	—
2	Chick	17	—
3	~~[illegible]~~ Chick	18	Chick
4	Chick	19	—
5	~~[illegible]~~	20	—
6	✓	21	
7	—	22	W
8	Chick	23	—
9	Chick	24	N
10	—	25	—
11	Chick	26	—
12	N	27	chick
13	N	28	—
14	R	29	D Intragal
15	Chick	30	R

Blad Wahlelaus ✓
8-17-64

565-12385
615-00567
615-01114
535-14085
565-12309
565-12735
615-00854
615-01103
615-00396
615-00597
615-00366
615-00782
615-00706
365-12737
615-01180
535-14086
535-14087
535-14088
615-00524
565-12356

535-14089
535-14090
615-00479
535-14091
565-12597

Nice - 8-20-64 ✓

1 — 217	13
2	14 — 248
3	15 266
4 - 236	16
5 —	17 292
6 - 230	18 282
7 227	19 281
8 —	20
9 - 96	21 293
10 225	22 —
11	23 273
12	24 —
	25 284

Islet Wedgetails

#6, 8, 11, 12, 13, 14, 18, 22, 23, 24, 26, 29, 30.

6 - egg
8 egg
11 destroyed 8-20 only one in this
12 egg (tunnel)
13 egg destroyed
14 egg
18
22 egg (tunnel
23 egg destroyed 8-20
24 - egg full of flies, destroyed
26
29 egg
30 egg destroyed
17 chick

To check

eggs: 6, 8, 29, 14
12, 22 - tunnel

Chicks: 17, 19, 10
5, 15 tunnel

Kepler: Mailer for movie film
Envelopes
Shorts

Eulcliff →

Islet Wedges
8-21-64
#22 hatched grey - Y 168

amuse

Red Wedgetails ✓
8-20-64

535-14092 ←
" -14093 ← Dark Phase
565-12382
615-00514
535-14094 ←
615-01376 Repeat
" -01117
565-12543
615-01329
" -01276
" -00573
535-14095 ←
615-00746
" -01120
" -01291
535-14096 ←
615 ~~-12~~ 01292

535-14097 ←
" - 098 ←
565-12336

Mice 8-21-64 ✓
Mice

1 237
2 —
3 248
4 236 Dead
5 —
6 226
7 266 ←
8 —
9 254
10 —
11 97
12 285 Dead
13 222

14 [illegible] 213
15 —
16 214 ♀
17 284
18 288
19 293 ♀
20 —
21 277
22 —
23 —
24 94
25 —

Mic -822 ✓

1	248	14	277
2	—	15	—
3	258	16	—
4	254	17	292
5	—	18	284
6	222	19	281
7	226	20	
8	—	21	—
9	237	22	283 (3,4,3)
10	295	23	263
11	~~286~~	24	94 X
12	—	25	—
13	97		

✓ Wedge

615-01363 Repeat
" -00418
" -01239
" -00429
" -01159
" -01153

✓ Mic 8-23-64

1	295	14	—
2	286	15	266
3	258	16	288
4	271	17	296
5	—	18	—
6	248	19	243
7	230 ←	20	—
8	—	21	263
9	—	22	242
10	—	23 (28)	251 (?)
11	287	24	271 M
12	—	25	252
13	222		

✓ 8-23-64 ✓

565-12611
" -12390 Dark Phase
615-01362 Repeat
" -00145
" -01360 Repeat
565-12223

Wedgetails 8-23-64

585-14099 ←
535-14100 ←
535-13601 ←
615-00410
" -01109
535-13602 ←
615-00101
" -01226
535-13603 ←
" -13604 ←
" -13605 ←
565-12296
565-12214
615-00203
535-13606 ←
615-01224
" -00241
" -01219
565-12583
535-13607 ←

[illegible]-00653
-01254
535-13608 ←

Mice 8-24-64 ✓
8-25-64 ✓

1	222	222	13	230	234
2	—	254	14	—	—
3	226	237	15	266	255
4	—	—	16	286	252
5	—	—	17	258	287
6	277	258	18	284	266
7	—	226	19	—	—
8	—	—	20	281	293
9	237	284	21	96	292
10	287	299	22	—	297
11	248	298	23	263	263
12	293	—	24	211	97
			25	2[illegible]	292
				271	

Noddies 8-24-64 ✓

S. Shore - 8; NE(e) - 3; NE(w) - 15

Noddies 8-25-64 ✓

S. Shore - 8; NE(e) - 3; NE(w) - 15, +1 New

Noddies 8-26-64 ✓

S. Shore - 8; NE(e) - 3; NE(w) - 15

Noddies 8-27-64 ✓

SS - 7 eggs, 1 hatch - L717 - white
G39

NE(e) - 3

NE(w) - 14 eggs, 1 hatch L722
G40 Black

Noddies - 8-28-64 ✓

SS - 7 eggs; NE(e) 3 + 1 New

NE(w) - 14, 1 chick dead at hatching

L723

8-25-64

Wedgetails - Islet ✓ #14 egg missing.

8-26 - Some ✓

8-27 #8 destroyed ✓

✓ Nine 8-28-64 ✓

1	—	14	226
2	—	15	—
3	—	16	266
4	—	17	288
5	—	18	222
6	217	19	—
7	—	20	—
8	—	21	—
9	—	22	292
10	281	23	94
11	—	24	—
12	—	25	271
13	—		

Noddies - 8-26-64

Blue		Wt.	Bill	Wing	Toe
017		188	33	193	39
027					
023					
020					
036					
025	flying	176	34	224	36
035	flying	186.4	32	212	35
032	flying	186	35	206	38
041					
029		221.5	35	220	38
028					
030					
015 ✓	flying	196.5	34	226	41
042	flying	206.2	36	225	42
045		210	34	195	39
047					
037		204.5	33	230	37
046		224.1	32	211	38

Blue		wt.	Bill	Wing	Toe
039		196.5	32	199	34
031	flying	239.7	32	212	37
049		184.6	32	211	34
052	flight	176.1	32	218	39
038		192.8	34	200	40
044		183.0	32	202	39
005 ✓		221.5	32	191	33
008 ✓					
011 ✓		216.1	34	211	42
040					
062	173	204	32	215	39
	Red				
051		195.5	32	195	40
018		199	33	196	39
034		189	31	162	39
060	183	183	29	167	33
055	186	192.3	30	160	40
058	187	215.7	32	157	41
056	189	209	32	170	37

	Red	Weight	Bill	Wing	Toe
057	194	202.1	29	158	32
054	196	173.8	27	135	
064	199	174.2	30	175	35
066	200	193.7	31	192	37
063	195	207.2	30	142	38
	Green				
053	1	209.2	30	130	38
067	4	158.2	26	126	39
	7	161.5	26	116	38
059	13	213.5	35	183	37
065	14	165.2	28	100	37
061	15	179.5	32	170	34
	18	138.3	25	70	37
	20	122.9	24	59	35
	21				
	22	129.9	24	65	35
	23	97.6	21	47	34
	25	125.9	22	53	35

	Green	Wt	Bill	Wing	Toe
	27	113.9	23	50	32
	32	89.2	21	36	32
	33	75.2	20	31	22
	35	70.5	20	33	30
	36 (e)	53.8	17	25	28
	37				
	28	86.5	21	37	33
019					
014		218.9	33	203	38
043					
048					
050		199.9	33	202	35
033		200.5	30	192	43
	G9	169.3	25	86	35
Bulwer's		115.5	21.5	131	26

primaries, rectrices emerged

✓ Mice 8-22-64

Pat 4 - 301

1	—	14	—
2	—	15	—
3	—	16	288
4	~~230~~ dead	17	266
5	—	18	284 dead
6	222	19	281
7	248	20	300
8	—	21	263 dead
9	257	22	287
10	—	23	97
11	292	24	—
12	—	25.	271
13	226		

Wedgetails ✓ 9✓

8-27-64

1	—	16	—
2	R Chick	17	—
3		18	Chick
4	R chick	19	—
5	—	20	
6	—	21	R
7	—	22	W
8	—	23	—
9	Chick	24	W
10	—	25	—
11	Chick	26	Chick
12	—	27	R
13	—	28	Chick
14	—	29	—
15	Chick	30	R Chick

Wednesday 8-29

-8-29

1 chick-white
G41
L723
6 eggs

NE(e) - 3 eggs

NE(w) 13 eggs
1 Black Hatch
L723 G42

1 —	16 —
2	17 egg
3 —	18 chick
4 chick	19
5 —	20
6 egg	21 chick
7 —	22 —
8 —	23 —
9 —	24 W, chick
10 —	25 —
11 chick	26 chick
12 —	27 R
13	28 chick
14 —	29 —
15 chick	30 chick

Mice 8-30-64 ✓

1 248
2 —
3 255
4 —
5 —
6 —
7 217
8 ?
9 292
10 254
11 299 ♂
12 295 Dead
13 302 ♂
14 230
15 288
16 —
17 281 Dead
18 300 ♂
19 290 ♂
20 —
21 —
22 271
23 —
24 —
25 252

Johnston Census
8-31-64 ✓

Fairy Tern - 18
Red Tailed Tropic-bird ✓
Adults - ||||
eggs - ||||
Imm - ||||
Juv. - ||||
Golden Plover - ||||
Common Noddy 1 (broken wing)
Location
1 Juvenile - Transmitter Bldg
2 " - Old Transmitter Tower area.
6 Juv., 3 Imm., 4 eggs · E of Runway

Wedgetail Shear. 2 imm.
1 adult
1 egg
|||

Mice - 9-1-64 ✓

25 - 288
23 - 270
21 - 300
19 - 97
17 - 248
16 - 94
11 - 292
10 - 271 Dead
9 - 262
7 - 304 ♂

5 - 211
4 - 226 Dead
3 - 305
1 - 266

Noddies 9-1-64 ✓

SS - 5 eggs
NE(e) - 4 eggs
NE(w) - 12 "

Specimens - Aug 16-31 ✓

Sooty Tern: Adult ~~THH~~ II ✓
Imm I ✓
Noddy: A ~~THH~~ ✓
I - ~~THH~~ ✓
Wedgetails: 1 ✓
Frigate: 1 ✓

Noddies 9-2-64 ✓ 4/14 = $\frac{2}{7}$

$$\begin{array}{r} 28 \\ 7\overline{)20} \\ 14 \\ \hline 60 \\ 56 \end{array}$$

SS - 5 eggs, + 1 new
NE(e) 4 "
NE(w) 12 eggs, 1 hatched white 644 - L 729

Mice 9-3-64 ✓

25 - 65 ♂
24 - 230
23 - 300 ♂
21 - 96
20 - 222
19 - 299 ♂
18 - 290 ♂
17 - 248
15 - 252 ♀
11 - 292 ♀

10 - 211 ♂
8 - 259 ♀
7 - 266 ♂

✓Mice - 9-4-64

23 - 300 ♂
17 - 97
16 - 292
14 - 277
11 - 287
10 - 248
9 - 211
8 - 222 ♀
6 - 254
4 - 266
3 - 230
~~2 - 254?~~
1 - 303

Mice 9-5-64 ✓

2 - 277
5 - 255
6 - 257
8 - 230
9 - 266
10 - 248
11 - 305 ♂ (clipped 300 - got away)
12 - 211

14 - 252
16 - 222
17 - 287
19 - 300 worked Black
21 - 97
22 - 306 ♀
23 - 65
25 - 292

9-3-64 ✓

NE(w) 11 + 1 H L728 H93 gray (G45)
NE(e) 3 + 1 H L728 H93 white (G46)
SS 5

9-4-64 ✓ NE(w) - 11
NE(e) - 2 + 1 hatch L730 H94 white (G47)
1 lunged
SS - 5

✓9-5-64 Noddies

SS - 5 eggs
NE(w) - 11 "
NE(e) - 3 "

Mice 9-6-64✓

24 - 65 ♂	10 - 254
23 - 300	9 - 252
22 - 292	8 - 266
19 - 290	7 - 258
18 - 288	4 - 211 ♂
17 - 248	3 - 217
11 - 287	1 - 307 ♂

Islet 9-5-64 ✓
#29 Hatched egg Y169

Kodachrome 2 ✓
9-5-64 — Return 9-23

1. Frigates on cement bunker.
SS.6 @ 1/125
2-4. Hawaiian Noddy Chick
5-6 Ad. Noddy on Nest
7. 3 day old " (white) on nest
9-6-64
8. Sooty Tern skeletons (by mice) S8-11; 1:125
10
9. Frigates & Boobies, NE perim. Bay Lines
S11; 1:125
11. Noddy Chick - 8 days old S16; 1:125
12. " " - 3 " " " "
13. " egg — S8; 1:125
14. " Ad - Toe pointing
15 " Chick (white) 2 days old S11; 1/60
16 " " s (black + white) "; 1/125
17. Sooty chick S11, 1:125
18. Frigate
19. ~~Sooty~~ Noddy Chick (Age?)
20 Wedgetailed Sh. chick 19 days old S16; 1/125
21 " " " 2 days old
22 " adult

23. 5 wedgetails in Bunker 54; 1/15
24. Under the dock 1/60; 54
25. Frigate on a wire
26. Me over 2 young Noddies
9-11-64
27-29. Booby, Booby, Frigate on wing — 1/250
30. New Noddy chick, still wet.

Mice 9-7-64

2 - 308 ♂
3 - 217 ♂
6 - 266
8 - 230 ♀
9 - 211 ♂
10 - 277 ♂
11 - 305 ♂
12 - 248 ♀
13 - 306 ♀
16 - 97 ♀
17 - 252 ♀
18 - 292
22 - 290
23 - 287
24 - 65 ♂

9-7-64

SS - 5 eggs
NE(w) - 3 "
NE(e) 10 " 1 hatched

1 hatched L82 H97 - white G48

North Island Survey
9-8-64

Golden Plover - ~~IIII~~ IIII
Ruddy Turnstone - ~~IIII~~ I
Bristle-thighed Curlew - 0
Wandering Tattler II
FAIRY TERN - II
Noddy Tern - Fragments of 1 egg
Sooty Tern - ≐12 dead birds.
1 recovery 753-30505
Dead on beach.

Mice 9-9-64

25 - 252
24 - 290
21 - 305
19 - 97
18 - 248
11 - 287
17 - 230
4 - 266

Recovery (Amm.)
793 - 76016

Banding - I-V Frigates
737.44539-40

9/9/64 ✓ ✓ ✓

BAND NUMBER		Wt.	Bill	Wing	Toe
Green 079	32	180.2	29	107	35
078	33	181.2	29	104	37
	35	168.2	26	90	34
	36				
	42	87.3	22	40	33
	e 45	54.4	17	30	30
	e 44	68	29	34	29
	e 48	41.6	12	22	27
[redacted]	G47	53.3	18	24	31
011					
012					
014					
029					
031					
032					
033					
034	Sly	187.1	36	225	35
038					
039					

		Wt.	Bill	Wing	toe
044					
050					
051					
053	Sly	208 [redacted]	32. [redacted]	202	35
054					
055		198.4	35	226	38
057	Sly	200	34	222	37
058					
059					
060					
061					
063	Sly	212.2	35	212	38
064					
065		209.6	34	184	35
066					
067		180	31	222	34
068		224.9	32	149	38
069					
070					

	Wt.	Bill	Wing	Toe
071	231.9	30	170	39
072	228.1	29	157	40
073	204.3	29	139	36
074	195.6	29	149	35
075	202.5	28	120	41
076	215	31	191	37
077	214.9	33	161	39
Bulwers	gone			

	Wt.	Bill	Wing	Toe
9-12-64 ✓	Noddies			
SS - 3 eggs				
NE(e) - 3 "				
NE(w) 6 " ,	2 hatched			
H912 - L86	- white	-	G51	
H912 - L86	- GRAY	-	G52	
	Noddies ✓		9/13/64	
SS - 2 eggs ,	1 Hatched			
H913 L87	(Gray)		G53	
NE(e) - 2 eggs ,	1 missing			
NE(w) - 6 "				

Mire 9-10-64 ✓

24 - 305
23 - 287
18 - 234 ♀
17 - 211 ♂
16 - 309
15 - 266

14 - 299 ♀
12 - 97
4 - 252
3 - 217 ♂
1 - 248

9-12-64 ✓

25 - 292
24 - 301
23 - 287
22 - 305
21 - 97
19 - 290
18 - 234
17 - 211
16 - 222

12 - 266
10 - 277
9 - 310 ♂
7 - 256
5 - 311
4 - 217
3 - 255
1 - 248

Mire 9-13-64 ✓

21 - 311 ♂
22 - 301
23 - 287
18 - 97
19 - 305
14 - 230

6 - 252
7 - 222
10 - 292
1 - 248
2 - 312 ♂
3 - 258

Nosdiss 9-14 ✓

SS - 2 eggs
NE(e) - 2 "
NE(w) - 5 "

1 H, L 810, - G 54

Wedgetail Weight - ≈ 400g.
Sooty Tern — ≈ 175g.

Mice 9-15 ✓

21 - 260 16 - 232
22 - 292 18 - 301
23 - 305 20 - 299
25 - 287

9-15-64 JOHNSTON IS. Survey

10-21

Wedgetails - ✓ Gray - 11
G. Plover - 𝍸 𝍸 𝍸 𝍸 𝍸 ||||
R. Turnstone 11
W. Tattler
Fairy Tern 𝍸
R-T Tropic : Adult : 111 ✓
18% 0-10 - 11
B6 18% 10-21 - 11
64% over 21 - 𝍸 111
eggs - 0

JOHNSTON IS.

Bands used on Red-tails: ✓

	Age - Sex
535-13546	N - U
47	N - U

~~48~~

~~47~~ Mice 9-16-64 ✓

25 - 252 14 - 288
24 - 290 11 - 287
23 - 305 7 - 311 ♂
22 - 97 3 - 266
18 - 230 (~~pregnant~~) ♂!!! 2 - 248
16 - 211

Noddies 9-15-64 ✓

NE (e) - 2 eggs
NE (w) - 4 ", H, L 811, G 55, ~~Gray~~ BLACK
SS - 2 ", 3

9-16-64 ✓

#		wt.	Bill	Wing	Toe
080	G 35	195.4	28	142	36
	42	135.7	25	71	35
	43	117.3	21	51	33
	45	116.6	20	51	36
	47	126.2	21	47	39
	48	94.6	20	35	27
	49	63.6	17	26	30
	50	65.5	19	28	30
	51	48.3	16	24	26
	52	50.5	17	24	27
	53	46.3	15	26	24
	54	DEAD			
hatched today	55	31.9	14	21	25
081	28	196.5	29	146	36
082	36	187.8	27	112	37

II

	wt.	Bill	Wing	Toe
034				
053				
057				
063 fly	215.4	35	241	42
065	201.1	35	220	39
067				
068	227.4	34	194	35
071 fly	234.4	33	205	38
072 fly	226.1	32	197	41
073	222.1	30	184	42
074	203.4	31	186	37
075	222.1	30	165	38
076	215	33	224	41
077	240.6	35	198	43
078	204	30	147	38
079	208	30	155	40

Noddies 9-17-64 ✓

SS - 2 eggs
NE(e) - 2
NE(w) - 4

Noddies 9-18-64 ✓

SS - 2 eggs
NE(e) - 2 "
NE(w) -

9-18-64

Phoenix ? Petrel
Bristle-thighed Curlew -

Noddies 9-19-64 ✓

SS - 2 eggs
NE(e) - 1 " , 1 destroyed
NE(w) - 3 " ,

Mice 9-20-64 ✓

25 - 252	15 - 288
23 - 230	14 - 290 (m)
22 - 242	13 - 254
21 - 305	10 - 311 ♂
19 - 311	9 - 97
18 - 287 (m)	6 - 258
17 - 211	5 - 266
16 - 222	3 - 306

1 - 248

✓9-20-64 Noddies
7 day chick - contour feathers - scapular area only.
9 day - all flight feathers emerging, spinal + caudal region
4 days - in down

9-20

SS - 2 eggs
NE(e) 1
NE(w 3

Noddies 9-22

SS - 2 eggs
NE(E) - 0 ", 1 destroyed - H Tide
NE(w) - 2", 1H 922; L 816 G5C
white

Noddies 9-23

SS - 2 eggs
NE(e) - 0 "
NE(w) - 2 "

Noddies 9-24

SS - 2
NE(w) - 1 egg, 1 H atch
L X H 924 G58 white

Boobies - Large

127

9-2

Noddies 9-25

SS - 1E, 1H - L820 G57 Gray

9-25-64

5 Wandering Tattlers

Noddies 9-27

SS - 1 egg
NE(w) - 1H 927 G59 L?
Black

Noddies 9-23-64

#		Wt.	Bill	Wing	Toe
	063				
	065				
	068				
	071				
	072				
	073	228.1	32	208	42
	074 fly	182.9	33	219	42
	075	204.4	32	200	38
	076	212.7	34	253	35
	077				
	078	205.9	34	183	37
	079	222.6	32	192	41
	080	213.2	30	178	41
	081				
	082	220.7	30	154	35
085	G 42	174.9	28	114	38
	G 43				
084	G 44	163.6	24	95	33
086	G 45	153.9	25	88	35

		Wt.	Bill	Wing	Toe
	~~G 46~~				
083	G 47	196.3	26	84	40
	G 48	148.7	24	60	35
	G 49	113.3	21	49	34
	G 50	117.1	23	47	31
	G 51	111.7	20	40	34
	G 52	96.0	22	38	33
	G 53	84.6	18	38	27
	~~G 54~~				
	G 55 e	88.1	18	31	34
	G 56 e	27.4	14	20	22
070		186.4	34	211	40

Mice 9-24 ✓

1 - 318 ♀
3 - 266
4 - 301
6 - 252
7 - 222
8 - 290
9 - 230
10 - 312
11 - 311
13 - 298
18 - 277
19 - 305
21 - 97
22 - 292
23 - 317

Mice 9-25 ✓

1 - 248
2 - 266
5 - 222
7 - 211
8 - 311
9 - 230
11 - 312
13 - 252
18 - 319 ♀
20 - 290
22 - 292
23 - 301
24 - 305
25 - 287 m

Mice 9-26 ✓

2 - 312
5 - 266
6 - 252 Dead
9 - 311
11 - 307
13 - 290

15 - 288
16 - 211
18 - 234 pre
19 - 305 Dead
21 - 287 Dead
22 - 97
23 - 314
24 - 248 Dead
25 - 292 Dead

9 - 27 ✓

25 - 292
23 - 230
19 - 317
11 - 307
10 - 320♀

9 - 277
7 - 211 ♂
5 - 301
3 - 266
1 - 4 ?

Film KII

#20 Bellows - Crab ✓
1/125, 5 between 8 ~~[illegible]~~
allowing 2 5 stops for bellows
at .9 Magnification

EKTAKROME 9/23/64
L. (campus) - 9 mm
0 - Crab - X1.0 - allowed 2 5 stops
settings
1 - Crab X1.0 allowed 2 5 stops
for bellows
2 - Crab X1.0 allowed 2 5 stops
for bellows
3 - Crab X1.5 → L: 6 mm
allowed 2 1/2 5 stops for
extension of bellows.
1/125 at 5 8 - 5.6

4 - 2 Crabs X0.6 allowed 1 5 stops
(2.6 exposure factor)

Camera Info.

Asahi Pentax # 858944
55 mm lens #1068964
35 " " #796490
300 " " #1045581

Lv. Sand 10/19

~~Smith - $3.00~~
~~Kreis $1.00~~
Sutd. 55 - .65

Noddies 9-29

SS - L92 H929 G60
Grey

Mice 9-28

1 - 277
6 - 255
7 - 290
8 - 307
9 - 320
15 - 288
16 - 301
18 - 211 ♂
20 - 97
22 - 302 ♂
23 - 317
25 - 230 m

9 - 29

1 - 321 ♀
12 - 277
6 - 301
5 - 307
7 - 211
4 - 255
3 - 288
21 - 322 ♀
23 - 317
24 - 234 ♀
16 - 323 ♂
17 - 258 ♀
19 - 97
9 - 290 m

Mice 9-30 ✓

1 - 320
2 - 266
5 - 324 ?
6 - 301
9 - 290
10 - 321
13 - 211
23 - 312
14 - 230
15 - 288
16 - 323
18 - 325 ?
19 - 258
21 - 322
22 - 277
24 - 65

Mice 10-1 ✓

1 - 323
3 - 255
6 - 301
9 - 270
10 - 320
11 - 317
12 - 230
13 - 290
15 - 238
17 - 211
18 - 97
21 - 322
22 - 327 ?
23 - 327 ?
24 - 65
25 - 316

Johnston 9/30/64 ✓

Ruddy Turnstone - ~~IIII~~ ~~IIII~~ ~~IIII~~ II
Golden Plover - ~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~ ~~IIII~~
Fairy Tern - ~~IIII~~ III
Red-tailed Tropicbird: Ad - II
0-11 -
11-21 - I
over 21 - ~~IIII~~ ~~IIII~~ III
Wedge-tailed Shearwater - II

Banded 535-13548 Nestling
-13549 "
-13550 "
-13551 "
✓ -13552 "

1 RTTB Nestling - dead ✓

Weather Info

80°, 80°, 70°, ...

Sept 18 Fri Time	Dir.	Speed KTS	Sept 26 Sat Dir	Speed (KTS)
0600	08	08	09	09
0700	08	08	10	07
0800	07	11	11	15
0900	02	07	12	09
1000	05	12	12	11
1100	06	14	11	10
1200	08	14	11	14
1300	09	11	12	14
1400	08	14	11	12
1500	07	12	10	10
1600	06	11	11	12
1700	06	11	10	10
1800	08	13	09	10
1900	09	12	10	10
2000	08	12	08	13
2100	09	11	09	12
2400	08	11	08	12

Noddies 9-30

		Wt	Bill	Wing	Toe
52073	FLY	219.6	33	241	38
52074					
075					
076					
070					
078		207	35	222	37
079					
080		210	33	212	39
082		222.1	33	189	32
083		220.5	30	130	37
084		194	27	144	32
085		192.3	30	157	36
086		172.7	28	133	34
081	FLY	198.6	34	218	37
088 ~~087~~	648	176	26	112	33
087	649	144	26	76	36
	650	138.9	27	84	35
	651				
	652	142.1 ~~144.1~~	24	64	36

		Wt.	Bill	Wing	Tail
	G53	139.8	23	53	34
	G54				
	G55	127.9	23	54	37
	G56	72.6	19	33	32
e	G57	60	15	25	27
E	G58	78.2	19	28	33
E	G59	34.2	14	21	25
e	G60	25.4	13	23	23

Repeat

✓793-29050 I-U 075

Mice 10-2 ✓

25-288
24-277
23-97
22-322
21-290
18-317
17-65
13-211
12-257
11-326
10-320
9-307
7-230
6-301
3-266
2-255

MICE 10-3 ✓

3-301
5-97
7-326
8-277
9-290
11-307
13-230
17-276
19-211
19-323
23-328 ⊕ ♀
24-327
25-~~282~~ 222

Birds Seen ✓
10/1 to 10/15 - 1964 ✓

10/2 Fairy Tern - 3
Red-tailed Tropicbird - 1
Turnstones: Flocks - 32 + 13

10/5 Dowitcher !!
10/6 Bristle-thighed Curlew

10/9 - Sanderling (1) (after Tattle
Blue-faced Booby 2
Fairy Tern - 2
Red-tailed Tropicbird - 1

10/11 - White-tailed Tropicbird
Sanderling
Frigates - 1 of pouch fully extended, many others very red
ZOSTEROPS !!

Pictures K2 ✓

Holding Frigate, Frigate Head, etc.
Then:
#19 Shearwater - Aged - 46 days
Oct. 3 // #10 Shearwater - Age - [redacted] 6 days

16 - Flower - 1/125 @ f 5.6 - Green + Yellow on background white water - 511 - .6 X
[redacted] Normal compensation X2.6.
17 - MALLOPHAGA - f 5.6 - down 2 steps
1.0 X

Mice 10-4 ✓

1- 322
2- 320
3- 266
6- 301
7- 307
~~16~~ -323
13- 230
17- 257
18- 290
22- 97

23- 65
24- 317
25- 211

Mice 10-5 ✓

1- 329 ?
2- 277
3- 330 ?
5- 340 ? (3+1 p4)
6- 301
7- 307
10- 320
11- 322
17- 258
18- 317
21- 331 ?
22- 97

23-323
25-327

10-5-64 Banded ✓
Noddy Tenn N-U ✓
753-26701 - 26725 ✓

Mice 10/6 ✓

1-340
2-277
3-307
6-301
9-320
10-326
11-97
13-211
16-323
18-317
21-322
22-290
23-65
24-230

Wedgeland, 10-6-64 Returns & ~~Repeats~~ THL 11

535 -

615 -
00794
01150
00689
00351

00547
00637
00325
00528
00273
00529
01301
00548

00542
00531
01202

565 - 12415
-12992
-12423
12735
12488

12516 10-11

12384
12455
12254
12528
12566

12549 10-12
12165
12388
12783
12169
12754
12259 Dark

Wedgetails Banded 10-6-64
A-U

535-13610-50

Dark Phase - 17, 40, 25
Gr. Frigate
737-44542 - 530 10-7

737-44542-43 - Banded
737-44544 - Drowned while landing
737-44550 destroyed

10-11-64:
535-13651 - 13700 096.1
13701 - 13750
13689, 84 Dark phase, 83
Chicks - 13, 27, 36, 44

Dark phase: 21, 24, 48
10-12 83 | 87-chick

Mice 10-7

3-97
5-230
6-301 ♂
7-327
9-266
10-257 ♂ Dead
11-211
12-290

16-323
17-258 ♀
~~18-327~~
21-325
22-317 ♂
25-320 m

Mice 10-8

1-325
6-230
8-266
9-320
10-323
11-97

14-301
18-307
19-290
23-65

Worldy Chicks 10-7-64

Band #	Wt	Bill	Wing	Toe
-52073				
78				
80				
81				
82	210.1	34	220	34
83	237.1	34	175	40
84	201.4	30	186	36
85	196.2	33	190	38
~~86~~	~~201.4~~	~~30~~	~~180~~	~~36~~
87	180.0	28	120	37
88	206.7	30	155	34
86	196.8	31	172	35
091 /G46	192.1	30	160	33
090 /G50	179.5	30	142	33
G51				
092 /G52	172.7	28	108	34
089 /G53	188.9	27	97	33
G54				
093 /G55	180.7	27	96	40

G	Wt.	Bill	Wing	Toe
G56	114.8	22	43	31
G57	123.5	22	44	33
G58	137.8	22	55	33
G59	61.7	17	~~23~~ 34	29
G60	MISSING			
G61				

Mice 10-9-64 ✓

1-301
3-323
5-332
6-307
7-230
13-333♀

17-290
19-340
23-325

10-10 Mice

3-325
6-266
7-211
9-320 M
10 301 m
12 258 ♀
13 65
15 230m
18 322
20 334m ♂
21 290
22 97
23 317
25 323

10-11 Mice

2-322
3-340
5-266
6-222
7-217
8-335 ♀
9-320 m
11-317
17-211
19-290m
23-325
25-65

Bb Bb

Bb Bb

bs bs
Blue Blue

1/2 1/2 1/4 1/8

North Island 10-10-64

Ruddy Turnstone - ||||
Golden Plover - 1
Wandering Tattler - 1

10-11

647.01153 G. Plover
272

Mice 10-12 ✓

1- 234
3-301
5-325
6-323
7-211
9-320
10-97
11-322

17-266 ♂
18-307
19-333
22-290
23-334 m
25-318 ♂

Mice 10-14 ✓✓

1-301
3-211
6-317
7-97
9-325
10-234
11-334

13-320 m
16-313
17-266
18-322
22-3378
23-290
24-3378
25-323

Begin Census - Weather

	Oct 2 ✓✓		Oct 9 ✓✓	
	Dir	Velocity	Dir.	Velocity
0700	08	12	09	09
0800	08	14	09	08
0900	08	14	11	11
1000	08	14	08	11
1100	09	11	08	08
1200	09	12	09	11
1300	10	13	10	12
1400	09	10	09	10
1500	08	11	09	10
1600	08	13	09	11
1700	08	11	08	10
1800	06	12	08	13
1900	08	12	08	11
2000	09	12	07	13

Johnston Island Survey

10-13

Golden [redacted] – 1 = [redacted] = (6)

Wandering Tattler – 11 = (2)

Ruddy Turnstone – (45)

Fairy Tern – = (9)

Wedge-tailed Shearwater 1 Eng

Red-tailed Tropicbird ad – 11

Sanderling – 11 Eng – 1

Duck – 1

Collected 10-1 to 10-15

Frigates – 5

C. Noddy – 2

G. Plover – 1

Zosterops – 1

Noddy Chicks

10-14

#	Wt.	Bill	Wing	Tar
[redacted] -520 8 2				
- 52083	250	36	211	40
Flying 84	193.4	32	215	34
85				
86	206.3	32	205	34
87	201	31	160	37
88	198.8	32	215	37
89	222.4	29	147	38
90	211.8	32	179	33
91	178.3	32	190	37
92	211.5	32	140	34
93	211	30	145	37
G 57 94	175.6	26	79	37
95 ~~G 56~~	166.7	25.4	80	35
~~94 G 57~~				
96 ~~G 58~~	178.2	27 [redacted]	92	32
G 59				
[redacted]	~~206.3~~	~~32~~	~~205~~	~~34~~
97 – G 60	131.6	22	52	38

Wedgetails 10-15

Area "C"

8 - 68; 6 for 70 = 14 - 138

E - 8-48; 5-50; 6-50
8-70 = 27 for 218
+ 20 68

10-15 Night Wedgetail Course

Area A = 57
B = 63
C = 105
D = 867 + 1,000 on Knoll
E = 400
13 3 Guy Wire(s) along SS to pit, up to Transmitter Bldg.

10-15 Golden Plover

642 - 01154 Jesse #1

I E - 653 Field up from

#107 - S of road to Dump road

Mine 10-16

1 - 307
2 - 341 ♀
3 - 266
3 - 79 ♂
6 - 342 Juv. ♀
7 - 343 Juv. ♀
9 - 317
10 - 322
11 - 335

16 - 301 m
19 - 97
20 - 333
22 - 65
23 - 334
25 - 323

793-78718 Recovered by A.L. Warbick on July, 1964 on Sand.

Banded June 10, 1964

535 + 13907 Weak & extremely light, feet dehydrated

Wedgefield Elementary - Chicks
Burrow Comp
10-16-64

10-50; 14-50; 2-30
12-50; 2-30

Area along S of road to
Transmitter Bldg!

3-28
4-22
7-50
Mice 10-18-64

3-340
4-79
3-323
6-234
7-252
9-322

11-320 m
16-325
20. 344 f
25-65

Pictures Taken

3 Bolwens - Nestling
4 Frigates - "
5 RF Boobies # # Lowls
4 Brown Boobies # + Imm
Nesting # Brown Booby
1 Noddy - Nestling
20

For Mangarua to Ship:

Large Manilla Envelopes
Cog wine Census sheets
Field # Tags
Tape for Degmo

Kera
USCG LORSTA
FPO 3080
SAN FRANCISCO, Calif.

BROWN BOOBY

♂	♀
legs: olive green	yellow
bill tip: pale flesh	
eye ring: blue	
facial skin, gular: greenish yellow	yellow
	inky patch in front of eye.

Ascension Isl.

Tom Anderson
1012 Loring
Pacific Beach (SD 9)

7530-222-0078

FEDERAL SUPPLY SERVICE

GPO 16—78[illegible]24-1

D.L. Stadel

Der Engel

Johnston

12

180

960

37

165) 6217

495

1260

Oct 6 1964

Midway Island
Fairy Young one w down &
brown primaries coverts &
Sec coverts

RTTB 60 days & 40d

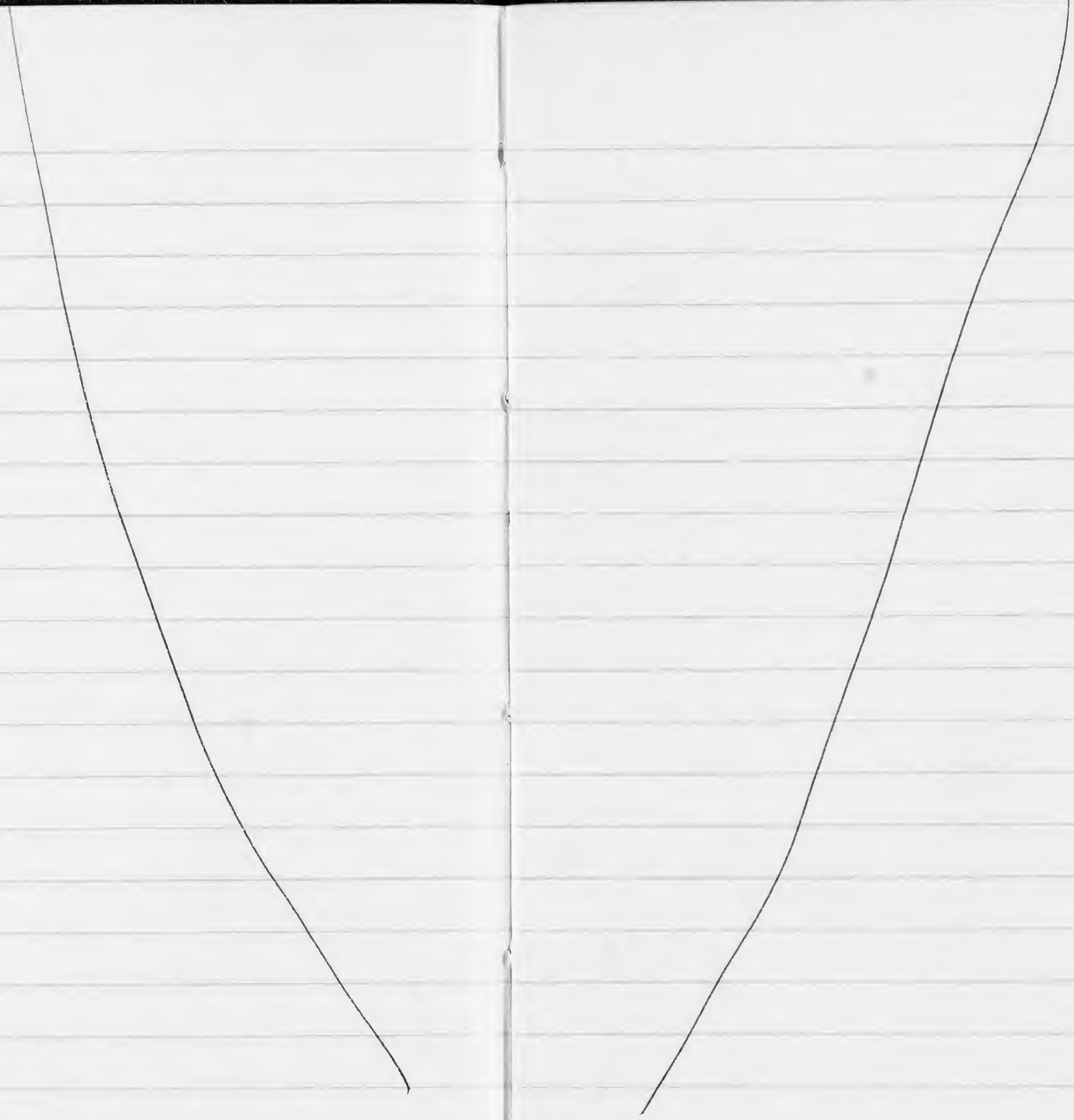
Dead Bonin

RTTB More common on park
in Scaevola along beach & less
disturbed areas
Wedge-tails burrows
in fine sand @ active
3

Mus Muscalus

Fairy Tern with 1½"
long squid next to young

Bonin Is P. Behind
Boy Scout Shack



Sand Is

1400

1420
1635
1750

Frigate
100
Masted Boobies
2 dd 1 YI B
R FB
100
B B

RTB 4-500

WT 1

Christmas Is
1 chick
CN 100-200

HN - 1

ST -200-3000 1500

GP - 500

Sand 0

RT - 1500

WT - 10

BTC - 2

Young ST with quill alive. One ST 1 month from flying

3 Seals on sand spit

10 aug

Wedgetail burrow caved in on Young

227 steps across Island

Frigate Fully extended
25 lights blown
2 red

Sanderling

Wedge T & Young Killed

6 H N

RHB Flew

Young & Killed

Saw a Japanese White eye. I think we killed it

Grey Backed Tern

11 oct

535 - 13701 Wt Bands, Ga

~~535 12334~~

Count - 9 - 12 - 12

615 00733

~~565 12343~~

615 00782

~~565 12775~~

~~565 12361~~

~~565 12691~~

615 00321

~~565 12177~~

~~565 12470~~

615 - 00500

~~565 - 12551~~

615 - 01019

~~565 12599~~

~~565 12168~~

535 13707 Dark Phase

535-13713 Chick

535 13721 Dark Phase

24 Dark Phase

27 Chick

36 Chick

44 Chick

48 Dark Phase

12 Oct

Swam & got Imm Frigate
1.5 Frigate w red Pouch
1 showing courtship to
female

8 Showing red 4
Not in clading 5 W Isle

9 Orange Streamers Picked
op
59 Chick
565-12859 Dark Phase
52 Dark Phase
565-12813
69 Dark Phase
63 Chick
73 Chick
565-12562
95 Medium Phase

13 Oct

Mouse trapping
1 - 322 —
2 - 340 —
3 - 325
7 - 266 —
9 - 2589 —
10 - 317 —
11 - 97 —
13 - 211 —
15 - 234 —
16 320m
17 307 —
18 311 —
20 336 ~~Lost fo~~
22 334
23 290 m
25 323

13 Oct

GFrig Inflated Pouch showing courtship

GP have no black on belly

15 Oct

Nico

1 - 322
3 - 340
6 266
9 290
10 339 ? ?
16 325
18 307
22 334
23 317
25 65

15 oct

Noddy - 1050 +1000

GP - 7 - 31 - 11 - 3 -
4 - 1 - 2 - 2 - 2
RT - 5 - 2 - 2 - 1
8

WT
H-1 Showing [friendly / own] ship
bearing 3 H ing Dow
RTB - 3

Two ducks. Brown with white throats bell & breast bar white underwing
Common ll C 4 53 36652

15 oct

~~No frigates with inflated pouches at 0900~~

~~Another Fwy on wires~~

Jet flew over at 1 mile about 25% of CN flew

Jet at 2 mile 25% of flock & all of some flocks flew

~~2 WdT flying around both landed at 0900~~

~~3 Frig starting to inflate pouch at 0910~~

~~3 Fairy Terns~~

15 Oct
Studies

1. Activity & behavior
2. Wodgetail & fluctuation
3. Mouse grid

15 Oct

0925 (3) Frigates inflating Pouches and preening them selves. Pouches gradually becoming longer

0950 - 1 Frig with inflated Pouch

3 Wandering T one male & 2 females. Sex diff. and ♂ has more white over eye Bill longer, longer neck ♂ has more of a spotted pattern & ♀ dull grey ♀ has grey further back on breast

15 Oct

Burrows 40 - 8 - 71 - 31

28 - 10 42 - 9 - 1 51 - 55 - 20

49 - 34 35 - 19 34

24 48 116

Chick 9 - 1 41 0

1 - 2 - 4 - 3 - 1 - 12 - 5 - 6

5 - 4 2 - 0 6 - 3

10 - 13

648

banded 74

Found 102

Dead Wedge Tern beaned

535 - 13863 - Very weak & may die

535 - 13801 & in same 13802

burrow no fighting

535 - 13899 Adult

16 Oct

1 day old moddy
chick that is wood
block

5^{35}-13937 Chick with 2 holes
in web

7

85 burrow | 12 - 10
16 Chicks | 2 - 2

615-01410 Holes in web
looks like worts
or growth of some
kind

615-01412 Holes in
web

19 Oct

1	322 –
2	254
3	323 –
5	79
6	301
7	306
9	325 –
10	344 –
11	326 –
12	258
13	338 –
16	327 –
18	333 –
19	230
23	65
25	335

19 Oct.

9 birds 50% inflated

1-2 day old white
noddy chick

Bird Shipment Field #

25017
25015
25011
25014
25008
25009
25012
25018
25016
25019 – 25044

Spiratone Camera Co
364 7th Ave New York
New York

20 oct

345 First #

Found a dead Wedge T
that we had banded
Chick

71
14
57

20 oct

Wedge T.
565 12753.
33 chick (A) c
40 chick (F) c
41 chick (F)
565-12731
565 12866
39 chick G area
17 chick G very weak
23 chick G
565 12165
565 12411 Dark Phase
42 chick I area
56 Dark Phase
565-12357

20 oct

Found a dead Wedge T chick (Skin)

Wedge T chick Lost Streamer

21 Oct

Band	Bill	Tarsus	WT. ~~Mt.~~	Wing
89	30	23	247.3	182
90	35	28	210.6	212
94	28	29	212.1	122
87	34	29	226.0	198
92	33	28	201.0	182
95	26	27	178.5	122
93	31	30	231.4	190
97	23	28	186.5	93

22 Oct

I stepped on a Noddy egg
that was just layed

RTB - One about to fly
Youngest Sick

Wedge T. only 4 in dunker

Hard core under soft
soil. Seems like
the hard core is
exposed where wedge T
can't dig. The core
varied in depth

642- 011 65 - 66 - 67
Golden Plovers

57
63
105
1367
400
500
133
107
653
3395

A 26 Bright Moon

B 23

C 110

D 541 Total

~~D~~F 330 2057

~~D~~E 112

G 28

H 37 -41 = 78

I 154 -84 } = 747
291 213

J 60 + 17 67

613-01450 Killedon
Road to transmitter

23 Oct

Pic 5 - Frig RFB on wire
S-500 D-∞ L-8.6
P 6. Jet
S 1000 D ∞ 2-4
Picture 7. Quarters
S-250 D ∞ L 8

No frig showing Courtship behavior

Dead RTTB

10
14
56

#4 Fine sand on top
Course sand down
1ft. Fine sand will
not support burrow

#28 Hard packed
sand almost like
sandstone

24

Wedge T 615-01501

565-12668
565-12701
565 12695
565-12622
565-12824
615 - 01513 Park Phase
565 - 12829 D P
615 - 01546 Dark Phase
615-01533 Dark Phase
615 01522 D P
615-01531 Chick
615- 01489 Dark phase

We were hitting good waves

25

26

Shot duct

737 - 37330 Frig Imm

Repeat on island

Fish ball

Imm Frig.

W T hit Guy Wire

broke wing

RH D gone

26

Weight

615 - 01601

615 - 00925

615 - 01602 D P

565 - 12497

565 - 12895

01609 D P

01621 Chick

01636 D P

130 WT Banded

87

98

38

353

27

Dead adult. female
lil gray wing

Dead adult ♂ in
water by barnacles

Pic # 8 Frys in Air
P-∞ S 1000 L 2

28 oct

Crab holes

Rat & Lizard

Com N in water

Banding reports

28 Oct

Number	Bill	tar	MT	Wing	WT
094	32	29	35	167	206
89	34	28	40	220	201
87	35	27	35	227	185
92	35	27	32	213	196
95	30	27	32	154	190
93	33	29	36	220	220
97	30	30	41	142	197
~~98~~	~~33~~	~~28~~	~~36~~		

29 Oct

♂ N

753 - 2 9608 th. 29612

Egg	2	2
0-10	1	1 -1
10 -20		2 -1
21 - 30		2 -10 -6 -2

7 Feig imm

366

602
251
853

30 Oct. 16

	Direction	Velocity
0700	08	12 K
0800	07	16
0900	09	15
1000	06	18
1100	07	17
1200	07	15
1300	08	14
1400	08	14
1500	08	15
1600	10	10
1700	09	10
1800	07	14
1900	08	15
2000	07	13

Honolulu Time

30 Oct 23

Dir	Vel
05	07
05	10
07	08
09	11
10	09
09	07
12	09
09	10
09	09
09	09
09	08
08	08
09	08
10	12
08	10

30 Oct

Shower shoes
Matches

Check gun
Badge money
Key
Bands, Pigeons

N	A
1	17
106	1
12	30
6	50
1	63
1	36
	37
	234

8

30 Oct

GP - 4-4-5 7-8-1
11-5-5-2-2
total 59

RT - 3-3-1-1-2-6
16 total

WTAT 1-1-1-1
4 total

Read GP

30 Oct

615 01639 Wedge T
615 - 01640 RTB

Frig 4 - 3

3 dead Sooty Tern
1 Con N injured
1 dead C

GP with Orange
Streamer on Johnston
#4

Fairy Tern 2

31 Oct

Short bird on Sand

GP 35 - 29 - 3 - 2 - 15
= 84

RT 10 - 3 - 3 = 16

WT - 1 - 1 - 1 = 3

RTB - 2

31 Oct

Stomped Broken winged CN

WT Cansus
31 oct

A - 45

B - 48

C 113

D 230

~~E~~F 200

E 120
Fry Col

G 20

H 65

~~I~~ ~~140~~ 580

J 56

Total
1397

Nov 3

Wedge-t Banding

615 - 01641
57 - DP

615 - 01075 Left Leg

565 - 12261

565 - 12750

615 - 00740

565 - 12638

565 12708

565 12870

55 DP

79 DP

76 DP

Nov 4

RTB - 2

Orange Streamer

#	Cul.	tarsus	MT	Wing	Wt.
37	36	29	36	247	
15	33	28	35	200	180
73					
97	32	27	35	177	210

6 Nov

5 Fairy Terns
Johnston

5 Nov
WT Banding
615-01687- 700
615-01701- 735
- 01710 Chick
- 01731 Chick
- 01722 Chick
- 01733 Chick
- 25 Chick
- 19 Chick
- 21 Chick

615-01689 DP
01699 DP

615-01686 RTB

~~○ Nov~~

~~MTB - 3~~

7 Nov.

① Gravimetric Method
Soil moisture P 17
② pH of Soil P 22

7 Nov

WT 01735-38 Local

Yellow 69 become 37
" 22 " 36

Com N
753-29613-4

8 Nov

535-13943 Dead WT
Killed by dogs

85
39
4 6

24
38
63

100
47

9 Nov

WT 615-01740-71

44 Chick
49 Chick
55 Chick
54 Chick
60 DP
61 Chick
62 Chick

RFB in Long Cal

63 Chick
66 Chick
68 Chick
71 Chick

10 Nov

Frigate Imm ♀

WT killed by dogs imm

Imm Frig 100yds from island.

DP Wedge T killed by dogs

Another WT by Dog

~~10~~ Nov 10

Wedge census

A	5
B	6
C	12
D	18
E	23
F	18
G	0
H	8
I	20 - 21 - 45 - 39
J	5
	210

Common Noddy

#	Cul	Tar	MT	Wing	Wt
97	32	30	39	218	200

12 Nov

10-12 Mad hens
on Johnston

12 Nov

North Is Census

RT 1-3-2-7-1

GP 1-1-1-2-3

WT 1

13 Nov
Johnston Is
Frig 1

GP - 2 - 2 - 19 - 1

BT - 3

W/T

13 Nov
Johnston I.
Dead frigate with
broken wing on beach

Weather 6 Nov

	Direction	Velocity	Dir	Vel
0700	08	12	08	08
0800	08	12 16	10	08
0900	08	16	11	10
1000	10	13	11	10
1100	09	14	12	07
1200	08	17	10	07
1300	09	12	10	07
1400	08	13	12	09
1500	09	11	12	10
1600	09	15	12	10
1700	10	14	12	10
1800	10	10	12	11
1900	09	11	12	10

National Weather Records Ctr
US Weather Bureau
Federal Bld
Asheville N.C. 28801

US Dept of Commerce
Coast & Geodetic Survey

Central and Western
Pacific Ocean &
Indian Ocean

14 Nov

RTB - Bg Barracks
2 RTB over Island

Fish jump out at GP

Census

15 Nov

Sand Is Census

GP 4 - 1 - 7 - 3.5 - 3

17 - 15 - 52

Rt 1 - 1 - 5 - 4 - 5 - 1

Wt - 1

CN

Egg - 2

~~2 Sover - 2~~

10-20

20- 1-3 - 2 - 2

Frig

egg

1 Not Flying

3 Frig Broken wing

16 NOV

~~Autopsy~~ mice

Wedge T ~~Do~~ 19 oct
Full moon

A - 5
B - 0
C - 5
D - 22
E 16
F - 15
G - 0
H - 1
I - 42 - 28
J - 5

=

18 Nov

Wedge T almost flying

19 Grey backed tern on dock

~~19 Nov~~ 25107

Ovary 16mm egg 2mm on dack with Shoulerbill

sandpiper ovary 5X3
25101

duck Testis 9X4
25105

Duck 25105
" 25107

Piper 25101

10 Grey backed T

19 Nov

Pii 10 Great F ♀ & egg
D-8ft S-600 DL-2

3 eggs in Frig Col

30 Nov
Johnston Island

GP 8-6-1-9-4
2-
Total - 35

RT-3-16-1-2
Total 22

WT - 0

Sanderling 1

20 Nov

e N with broken
wing

Plover with Orange S

RTTB gone

Wedge T gone

21 Nov

41 Adult Wedge T

22 Nov

Sand Census

GP 16 - 5 - 17 - 4

OST - 1 - 1

CN - 3 - 1

Egg - 1 -

RT - 7 - 1

W T Feeding

23 Nov

Frig Sitting facing wind

None Sooty T

No W T Streamer

OWT Chicks all over

28 Nov

Short eared Owl

Wedge tail Bands
615-81772 4h
40 DP Chick
535-138 50 DP Chick

28 WT Census

A - 1
B 0
C - 2
D 4
E 2
F 1
G 0
H - 2
I - 14 - 3
J - 1

25 Nov

2 RTTB
GP with Orange Streamer

1000 + Sooty Terns

No Bulwers Petrels

12 Haw Noddies

26 Nov

60 ♀ Frigates in thermal

Sooty Terns at 1800
26 + others scattered

Frig Took off of water

#8 with Or Streamer & Metal
tag no irritation

26 Nov

615-01801 Wedge t.

615-01825 DP Chick

1600
12
3200
1600
19,200

27 Nov

Reimm of Frig brokenwing

RFB defending nest site

More Brown Boobies on Island East bank

RTTB 615 - 01822

160 Sooty Terns

Film
[redacted]
Orders

28 Nov
Johnston Island Census

GP
8 - 10 - 40 - 2 - 1 - 3
13 - 4 - 2

RT - 1 - 2 - 1

Sanderling - 2

28 Nov
Johnston

Ov longest GP 111
" GP

2 Groups with
no territory

28 Nov

Sand Is

37 Greg Bach T
20 Haw N
5000 Sooty T

29 Nov.

Sand Is Census
GP 21 - 11-4-57

Ostr 2

RT 20
Ost 1
WT 1

Ad ♂ Ad ♀
imm ♀ Shot by
Coast Guardman

Adult Sooty Wire

5
18
7
126