

Inventory and Monitoring Program
Northeast Temperate Network
Coastal Bird Monitoring
Boston Harbor Islands National Recreation Site
2008 Field Season

CONTENT SUMMARY:

Original data sheets and notes from Carol Trocki

THESE WERE 100% CHECKED BY TIM SHEPHERD FEB 2010

Survey ~~Calt~~ Calt N on 5-14-08 need one
water bird - Event w/ 3 crews

AutoCount

24 + 25 same Survey (5-14 Calt, N)
not count 14 + 23 = 38 Mark nest

Use Event ID for whole survey

200810231 31051-705547511.577606 (Auto-24)

Details Auto 1 + 2 from same survey crew

Details 2 need to be under Detail 1
species w/ Detail 1

Event count 26 - Detail 3

Details below w/ Event 24

missing sp? shows 45
ds - 50

Event 25
Details need
moved to 24

SP
move into in
Detail 4 → 3

Event 27 - Details w/ Event 24

-Detail -5

One Event

Calt, S - 5-14-08

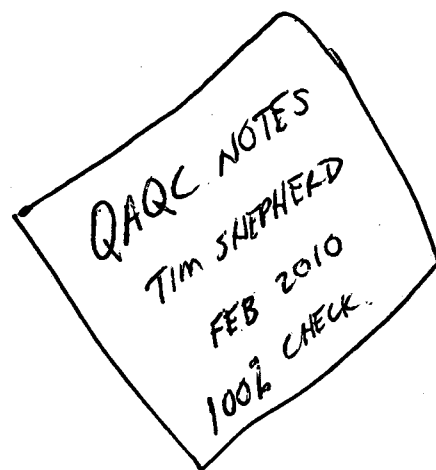
(Event - 28 - ~~29~~ - ~~30~~ - need to be same Event

Details - 6, 7, 8

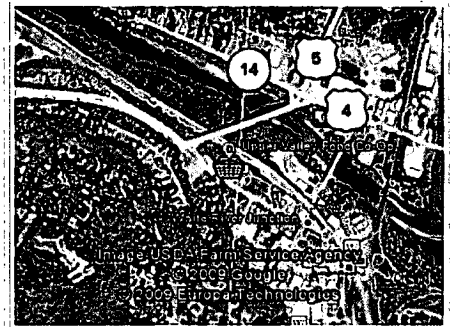
Calt, N, 5-15-08 - ~~resurvey~~ resurvey mark nests

Event 31, ~~32~~, ~~33~~ - needs to be one Event

Detail 9, 10, 11



Upper Valley Food Co-Op
193 N Main St, White River Jct, VT 05001-7044
(802) 295-5804



14 Carrots Natural Foods Co-Op
277 Newport Rd, New London, NH 03257-5420
(603) 526-2323

BOHA COASTAL
BIRD

ORIGINAL DATA SHEETS
2008 FIELD SEASON.



**BOHA Breeding Coastal Bird
Monitoring Protocol
Field Map: Calf Island**

0 70 140 280 420 560 Feet



Created by: Carol Lynn Trocki, URI, 05/07
Background Datalayer: February 2003, 1:5,000
scale ortho image from MassGIS

5/14/08

CT
VW
SHC
BS
WP
AP

too rough for boat surveys
complete eider count w/ mark N end of Calf
~ 2.5 hr
light coverage S end of Calf ~ 30 BCNH flushed
1 pair AMOX - not part. territorial?

5/15/08

CT BS PS
VW WP BK

COEI recount
AMOX nest site identified

2007 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

Calf N

blue

Date: 5-14-08	ENVIRONMENTAL CONDITIONS	
Start Time: 07:47	Temperature: 51°F	Tide:
End Time: 09:27	% Cloud Cover: 0	High
Observer: Sheila Colwell	Wind Speed: 3.6 mph	Mid
Recorder: Wayne Petersen	Wind Direction: NW	Low

	Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
125	1	COEI	5		0343751	4689569	21'
	2	GBBG	3		0343736	4689608	18'
104	3	COEI	3		0343765	4689579	19'
126	4	COEI	4		0343768	4689570	23'
146	5	COEI	3		0343771	4689566	26'
29	6	COEI	5		0343775	4689564	19'
17	7	COEI	5		0343779	4689564	19'
124	8	COEI	3		0343779	4689562	26'
13	9	COEI	2		0343812	4689510	19'
44	10	COEI	5		0343817	4689509	21'
62	11	COEI	4		0343800	4689557	18'
58	12	COEI	4		0343799	4689579	17'
	13	GBBG	3		0343805	4689567	16'
123	14	COEI	5		0343801	4689574	25'
19	15	COEI	3		0343797	4689572	17'
191	16	COEI	1		0343817	4689576	19'
27	17	COEI	INC		0343797	4689578	21'
42	18	COEI	4		0343792	4689584	21'
35	19	COEI	4		0343786	4689606	15'
	20	HEGU	3		0343770	4689617	13'
	21	HEGU	1		0343778	4689619	14'
22	22	COEI	3		0343797	4689627	14'
33	23	COEI	4		0343814	4689628	14'
177	24	COEI	5		0343813	4689625	13.6'
136	25	COEI	5		0343819	4689631	15'
227	26	COEI	2 (1 broken)		0343820	4689629	16.6'
49	27	COEI	5		0343823	4689628	14'
20	28	COEI	5		0343814	4689608	15'
41	29	COEI	5		0343815	4689607	15'
	30	HEGU	2		0343814	4689612	15'

Be sure to complete a field map form with every datasheet.

2007 BOHA Waterbird Monitoring Program

continued #2 Complete Colony Nest Survey Data Form

Calf N

blue

Date: 5-14-08	ENVIRONMENTAL CONDITIONS	
Start Time: 09127	Temperature: 63°	Tide:
End Time: 10:05	% Cloud Cover: 0	High
Observer: Sheila Colwell	Wind Speed: 3.2 mph	Mld
Recorder: Wayne Petersen	Wind Direction: E	Low

	Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
50	1	COEI	3		0343823	4689593	15'
	2	GBBG	3		0343817	4689597	15'
	3	GBBG	2		0343807	4689593	15'
	4	GBBG	2		0343819	4689589	15'
	5	GBBG	3		0343817	4689594	16'
	6	GBBG	3		0343820	4689588	15'
16	7	COEI	3		0343813	4689585	16'
	8	GBBG	3		0343808	4689593	15'
211	9	COEI	5		0343823	4689559	15.3'
	10	GBBG	3		0343830	4689558	15.2'
231	11	COEI	2		0343857	4689521	15.8'
229	12	COEI	2+1H ⁶⁶		0343855	4689525	16.5'
	13	HEGU	3		0343861	4689517	15.7'
	14	HEGU	3		0343868	4689514	16.5'
	15	HEGU	2		0343864	4689514	17.1'
37	16	COEI	5		0343872	4689516	15.9'
169	17	COEI	4		0343874	4689519	16.7'
	18	HEGU	2		0343878	4689519	17.6'
208	19	COEI	5		0343892	4689530	15.8'
28	20	COEI	4		0343868	4689527	16'
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Be sure to complete a field map form with every datasheet.

2007 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

Calf N
Garmin 76

Date: <u>5/14/08</u>	ENVIRONMENTAL CONDITIONS	
Start Time: <u>7:45 AM</u>	Temperature: <u>51 F</u>	Tide: _____
End Time: <u>10:08</u>	% Cloud Cover: <u>0</u>	<u>High</u>
Observer: <u>Caval</u>	Wind Speed: <u>2.6</u>	Mld
Recorder: <u>Caval</u>	Wind Direction: <u>NW</u>	Low

	Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
154	1	COEI	5	0	343736	4689558	17
145	2	COEI	5	0	"	"	"
	3	GBBG	3	0	343740	4689594	15.3
187	4	COEI	4	0	343760	4689571	21.8
122	5	COEI	3	0	343782	4689504	19.3
	6	GBBG	3	0	343785	4689505	20.4
	7	HERG	2	0	343806	4689513	27.3
	8	GBBG	3	0	343805	4689540	19.3
157	9	COEI	4	0	343791	4689563	29.3
172	10	COEI	5	0	343799	4689567	17.8
147	11	COEI	3		343785	4689573	29.4
142	12	EMPTY	0	0	343788	4689577	20.7
170	13	COEI	4	0	343781	4689579	24.8
189	14	COEI	4	0	343779	4689575	22.7
174	15	COEI	5	0	343783	4689585	17.8
56	16	COEI	3	0	343778	4689588	20.2
	17	GBBG	2	0	343804	4689596	15.6
168	18	COEI	4	0	343805	4689570	14.9
	19	GBBG	3	0	343806	4689562	15.4
232	20	COEI	4	0	343816	4689568	18.2
36	21	COEI	5	0	343841	4689559	15.0
	22	GBBG	3	0	343840	4689559	15.2
	23	GBBG		2			
	24	GBBG	3	0	343842	4689554	15
	25	GBBG	2		343847	4689551	14
	26	GBBG	3	0	343857	4689540	14
53	27	COEI	5		343866	4689540	15
48	28	COEI	3		343864	4689537	15
	29	GBBG	3		343880	4689537	15
137	30	COEI	5		343879	4689531	15

Empty

Be sure to complete a field map form with every datasheet.

18 COEI



2007 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

*CalFN
Garmin 76*

Date: <u>11/07/07</u>	ENVIRONMENTAL CONDITIONS	
Start Time: <u>10:00</u>	Temperature: <u>63°</u>	Tide: _____
End Time: <u>10:00</u>	% Cloud Cover: <u>0</u>	High _____
Observer: <u>Carol</u>	Wind Speed: <u>3.2 mph</u>	<u>Mid</u>
Recorder: <u>DW</u>	Wind Direction: <u>ESE</u>	Low _____

54
114
18
150

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	COEI	4		0343874	4689528	15
2	COET	4		343879	4689528	15
3	GBBG	1		343876	4689526	15
4	COEI	3		343873	4689525	15
5	~~COEI~~			~~3~~		
6	COET	4		343885	4689535	15
7	GBBG	1		0343809	4689537	15
8	GBBG	3		343889	4689542	15
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4 COEI
22 COEI
TOTAL

(2)

****Be sure to complete a field map form with every datasheet.****

ANP

2007 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

Calf N
yellow

Date: 5/14/08	ENVIRONMENTAL CONDITIONS	
Start Time: 07:47 AM	Temperature: 51°F	Tide: ☒ High
End Time:	% Cloud Cover: 0	☐ Mid
Observer: Stymist/Pearson	Wind Speed: 3.6 mph	☐ Low
Recorder:	Wind Direction: NW	

	Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
111	1	COEI	4		0343748	4689513	22
105	2	COEI	5		745	515	23
	3	HERG	3		0343734	4689523	22
X	4	GBBG	3		726	533	25
	5	Gull?	0?		729	541	19
82	6	COEI	4		728	553	19
	7	GBBG	3		729	568	23
	8	GBBG	1		729	586	19
	9	HERG	3		732	599	22
66	10	COEI	5		733	600	21
	11	GBBG	3		736	594	18
	12	GBBG	3		744	610	20
	13	GBBG	3		748	612	16
	14	GBBG	3		749	618	14
77	15	COEI	0		760	583	22
	16	HERG	1		756	565	14
78	17	COEI	4		773	521	28
X	18	Gull??	?	?	813	514	19
3	19	COEI	Mother		797	514	24
103	20	COEI	6		796	551	23
102	21	COEI	4		796	551	23
110	22	COEI	4		779	570	24
99	23	COEI	5		776	567	22
76	24	COEI	3		776	566	22
116	25	COEI	3		775	577	20
95	26	COEI	Destroyed		769	596	16
107	27	COEI	Destroyed		800	605	15
101	28	COEI	3		794	574	18
57	29	COEI	Destroyed		784	575	16
2	30	COEI	7		791	559	15

Be sure to complete a field map form with every datasheet.

Page 1 of 2

2007 BOHA Waterbird Monitoring Program
Complete Colony Nest Survey Data Form

*Calif N
yellow*

*End
Conditions*

Date: 5/12/08	ENVIRONMENTAL CONDITIONS	
Start Time: 07:47am	Temperature: 63°F	Tide:
End Time: 10:10am	% Cloud Cover: 0	High
Observer: Stymeist/Oakerson	Wind Speed: 3.2	Mld
Recorder:	Wind Direction: E	Low

69
74
4/18/07

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	COEI	5		0343 826	4689 547	15
2	COEI	4		838	509	16
3	COEI	2		856	521	15
4	HERG	2		862	510	17
5	HERG	3		860	506	16
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****Be sure to complete a field map form with every datasheet.****

COEI 21

Page 2 of 2

AND

2007 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

Calf yellow

Date: 5/14/08	ENVIRONMENTAL CONDITIONS	
Start Time: 10:30am	Temperature: 63°	Tide:
End Time: 11:28am	% Cloud Cover: 0	High
Observer: Stynest/Pearson	Wind Speed: 6.5 - 2.6 mph	Mid
Recorder:	Wind Direction: E	Low

Number	Species	# Eggs	# Chicks	X (UTMs)		Y (UTMs)		Acc (m)
1	COEI	4		0343	804	4689	344	15
2	COEI	4			793		327	20
3	COEI	6			788		331	22
4	COEI	5			789		293	19
5	BCNH	4			774		294	17
6	BCNH	1			772		290	16
7	COEI	5			775		239	16
8	COEI	4			764		255	17
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****Be sure to complete a field map form with every datasheet.****

2007 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

Call
blue

Date: 5-14-08	ENVIRONMENTAL CONDITIONS	
Start Time: 10:30	Temperature: 63°F - 64°F	Tide: ☐ High ☒ Mid ☐ Low
End Time: 11:28	% Cloud Cover: 0	Wind Speed: 6.5 mph - 2-6
Observer: Sheila Colwell	Wind Direction: E	
Recorder: Wayne Petersen		

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	COEI	5		0343810	4689388	27'
2	COEI	4		0343803	4689379	20'
3	COEI	5		0343826	4689348	20'
4	BCNH	~~3~~ 4		0343809	4689349	19'
5	COEI	5		0343838	4689338	22'
6	COEI	5		0343862	4689322	16'
7	COEI	~~1~~ 4		0343841	4689314	19'
8	COEI	3		0343842	4689316	18'
9	COEI	5		0343862	4689314	15'
10	COEI	5		0343863	4689310	15'
11	COEI	5		0343863	4689310	15'
12	COEI	5		0343868	4689310	15'
13	MALL	6		0343815	4689291	19'
14	BCNH	eggs #?		0343789	4689282	16'
15	COEI	5		0343767	4689251	17'
16	BCNH	nest only		0343767	4689251	17'
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****Be sure to complete a field map form with every datasheet.****

2007 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

*Calf
Gamin 76*

Date: <u>5/15/08</u>	ENVIRONMENTAL CONDITIONS	
Start Time: <u>10/30</u>	Temperature: <u>63° 64°</u>	Tide: _____
End Time: <u>11/28</u>	% Cloud Cover: <u>0 0</u>	High _____
Observer: <u>Carol</u>	Wind Speed: <u>6.5 2.6</u>	Mid <u>()</u>
Recorder: <u>Val</u>	Wind Direction: <u>E E</u>	Low _____

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	BCNH	4		343798	4689386	19
2	BCNH	0		343794	4689370	22.7
3	BCNH	Wk		"	"	"
4	BCNH	7		"	"	"
5	BCNH	7		343757	4689323	18.2
6	BCNH	7		343724	4689306	17.3
7	BCNH	some eggs		343720	4689274	16.4
8	BCNH	" "		"	"	"
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*Lilac
Apple
Apple
Apple
willow
willow
Lilac
"*

****Be sure to complete a field map form with every datasheet.****

(3)

2007 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

Calf Is.

Calf
N

blue

Date: 5-15-08	ENVIRONMENTAL CONDITIONS	
Start Time: 09:45	Temperature: 71° F - 60°	Tide: High
End Time: 11:24	% Cloud Cover: 95%	Mid
Observer: Polly Stevens	Wind Speed: 0.7 mph - 5.3 mph	Low
Recorder: Wayne Petersen	Wind Direction: S-SE → SW	

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	COEI	4		0343766	4689611	16'
2	COEI	3				
3	COEI	5		0343779	4689574	19'
4	COEI	5				
5	COEI	3				
6	COEI	INC				
7	COEI	7				
8	COEI	4		0343792	4689566	23'
9	COEI	4 (broken egg)		0343789	4689581	45'
10	COEI	5				
11	COEI	4				
12	COEI	2		0343771	4689598	22.7
13	COEI	5				
14	COEI	Predated				
15	COEI	4				
16	COEI	3				
17	COEI	Predated				
18	COEI	5				
19	COEI	4		0343888	4689523	22.8
20	COEI	4				
21	COEI	Predated				
22	COEI	5		0343840	4689536	14'
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Be sure to complete a field map form with every datasheet.

7 NEW COEI

2007 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

Calf

Calf
N

blue

Garmin 76

Date: 5/15/08	ENVIRONMENTAL CONDITIONS	
Start Time: 0945	Temperature: 71° 59.6	Tide: 
End Time: 1124	% Cloud Cover: 95%	
Observer: CLT	Wind Speed: 0.7 mph 5.3	
Recorder: VW	Wind Direction: SE SW	

	Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
111	1	COEI	4				
154	2	COEI	4				
143	3	"	5				
	4	COEI	2		~~343768~~	4689603	25.4
104	5	COEI	3				
146	6	"	3				
147	7	"	3				
	8	"	3				
142	9	degraded	0				
Pic	10	COEI	3		343765	4689580	29.3
	11	"	5		343771	4689572	32.9
	12	"	4		343764	4689612	19.5
	13	COEI	4		343784	4689608	18
22	14		3				
54	15		5		343797	4689589	24.9
211	16		5				
54	17		4				
28	18		4				
73	19		2				
	20	COEI	2		343852	4689517	21.1
	21						
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signature
disturbance
heard by

7 new COEI

****Be sure to complete a field map form with every datasheet.****

2007 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

CALF IS.

Garmin Blue

calif N

blue

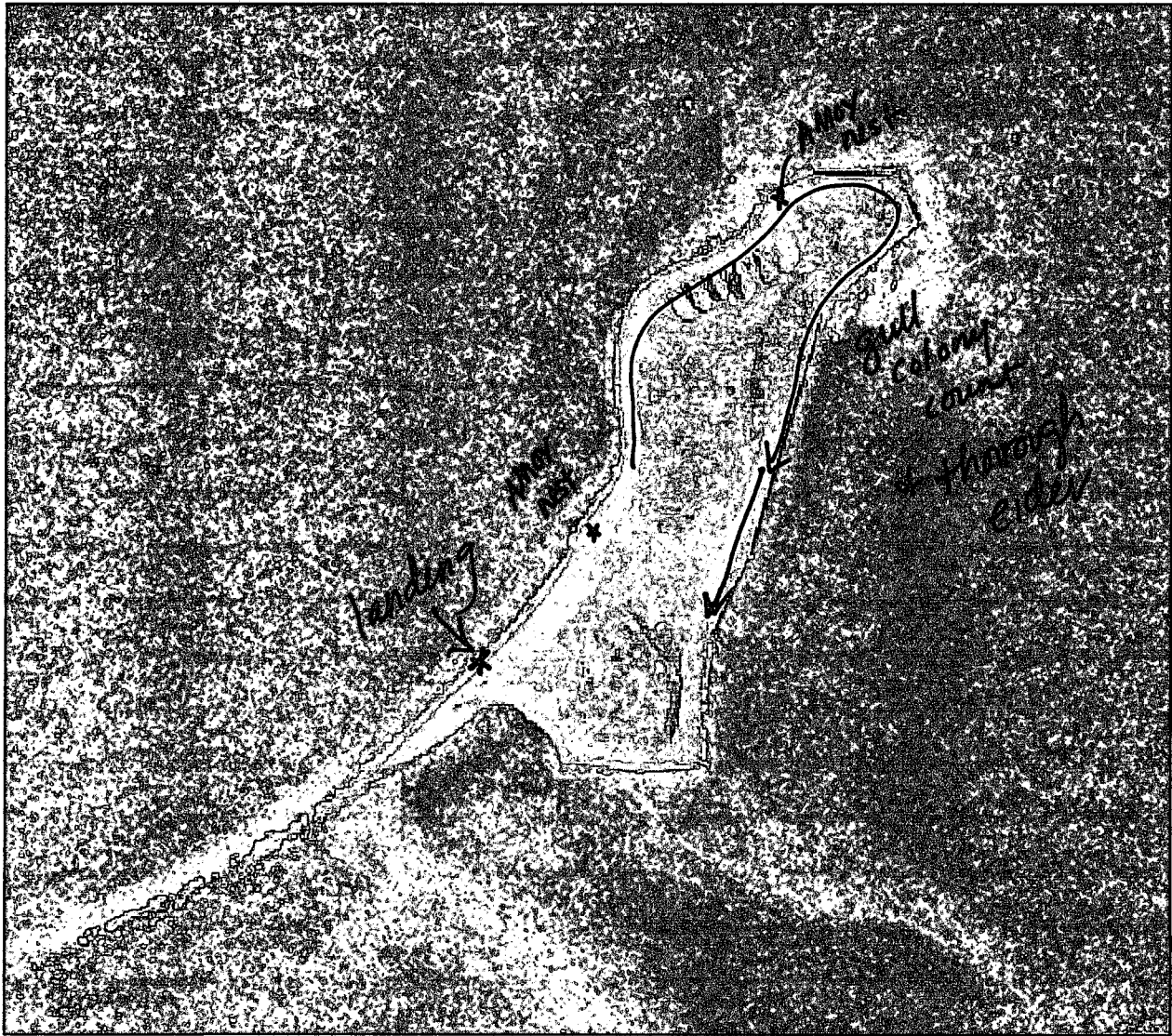
Date: 5/18/08	ENVIRONMENTAL CONDITIONS	
Start Time: 945	Temperature: 71 59.6	Tide: High
End Time: 1124	% Cloud Cover: 95	(Mid)
Observer: RK	Wind Speed: 6.7	Low
Recorder: RLS	Wind Direction: SE	

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
35	COEI	4				
56	COEI	3				
42	✓	4				
170	✓	4	(1 broken one)			
5			2 broken eggs			
57	COEI	0				
157	✓	4				
58	✓	4				
1203	✓	6				
173	✓	5				
19	✓	3				
1021	✓	3	♀ on Nest	not disturbed	Did not take stick	
257						
1047	✓	Destroyed	(was yesterday)			
335	✓	destroyed				
1396	✓	destroyed				
17	COEI	5		034832	4689 517	19
18	COEI	5		0343 818	4689 513	16
13	✓	2				
7206	✓	4				
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New nest ✓

Be sure to complete a field map form with every datasheet.

? NEW COEI



**BOHA Breeding Coastal Bird
Monitoring Protocol
Field Map: Great Brewster**



0 55 110 220 330 440 Feet

Created by: Carol Lynn Trocki, URI, 05/07
Background Datalayer: February 2003, 1:5,000
scale ortho image from MassGIS

5/15 land

2 AMOY nests
thorough COEI count
gull count - did not cover S end

2007 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

GREAT BLEWSTER

Date: 5-15-08	ENVIRONMENTAL CONDITIONS	
Start Time: 800 AM	Temperature: 53 - 71	Tide: <u>High</u>
End Time:	% Cloud Cover: 95	Mid
Observer: Bob Kelley	Wind Speed: 1.8	Low
Recorder: Bob Stymiest	Wind Direction: SE	

~~black~~
yellow

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	COEI	5		0343661	4688320	18
2	HERG	3		0343679	4688333	18
3	HERG	2		0343686	4688342	12
4	HERG	3		0343710	4688388	19
5	HERG	3		0343724	4688416	16
6	HERG	2		0343757	4688464	18
7	HERG	45 n est.		Cliff face		
8	HERG	2		0343857	4688693	16
9	HERG	3		0343863	4688695	14
10	GBBG	3		0343870	4688697	13
11	HERG	6 n est		Cliff face		
12	GBBG	2		0343899	4688705	16
13	HERG	3		0343912	4688707	13
14	HERG	3		0343924	4688706	13
15	GBBG	2		0343937	4688705	15
16	GBBG	3		0343937	4688705	15
17	HEGL	2				
18	GBBG	3				
19	HERG	3				
20	HERG	5 n est		Cliff		
21	HERG	9 n est				
22	HERG	3		0343841	4688480	14
23	HERG	2				
24	HERG	3				
25	GBBG	3				
26	GBBG	3				
27	HERG	3				
28	HERG	3				
29	GBBG	3				
30	HEGL	3				

2007 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

Great Brawster - Page 2

Date: 5-15-08	ENVIRONMENTAL CONDITIONS	
Start Time: 800	Temperature: 71°	Tide:
End Time: 922	% Cloud Cover:	High
Observer: RK	Wind Speed:	Mid
Recorder: RKS	Wind Direction:	Low

~~blue~~
yellow

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	HEGU	2				
2	HERG	1				
3	GBBC	3				
4	GBBG	2				
5	CHAG	3				
6	HEGU	1				
7	GBGC	3				
8	HEGU	3				
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

86 HEGU nests
6 GBBC nests
12

Be sure to complete a field map form with every datasheet.

HEGU
4 GBBC

2007 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

p1

Great Brewster

Date: 5/15/08	ENVIRONMENTAL CONDITIONS	
Start Time: 8:00	Temperature: 53° 71°	Tide: High
End Time: 9:22	% Cloud Cover: 95% 95%	High
Observer: Carol	Wind Speed: 1.8 0	Mid
Recorder: UW	Wind Direction: SE	Low

close to
P. p. 118
→ 60x39
→ 60x40
→ 60x40

Garmin
76

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	AMBY	3		343671	4688340	
2	HERG	3		343721	4688420	15.8
3	GBBG	3				
4	HERG	3				
5	HERG	3				
6	HERG	3				
7	AMBY	3		343858	468869	0
8	SPSA	FL				
9	GBBG	3				
10	HERG	6 ^{est}	- nest est			
11	HERG	7 "	- nest est.			
12	SPSA	FL				
13	HERG	10 ^{est}	- nest est			
14	HERG	3				
15	HERG	0				
16	HERG	3				
17	HERG	2				
18	HERG	2				
19	"	"				
20	"	00				
21	"	3				
22	"	2				
23	"	1				
24	"	2				
25	"	3				
26	"	00				
27	"	1				
28	"	3				
29	"	3				
30		1				

Plots

Plots

****Be sure to complete a field map form with every datasheet.****

24 HEG
2 S885

2007 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

Great Brewster

Date: 5/15/08	ENVIRONMENTAL CONDITIONS	
Start Time: 8:00	Temperature: _____	Tide: _____
End Time: 9:20	% Cloud Cover: _____	High
Observer: Carol	Wind Speed: _____	Mid
Recorder: Val	Wind Direction: _____	Low

End

Garmin 76

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	HERG	1				
2	"	3				
3	"	2				
4	"	3				
5	"	2				
6	"	2				
7	"	3				
8	"	20				
9	"	3				
10	"	3				
11	"	3				
12	"	1				
13	"	3				
14	"	3				
15	"	3				
16	"	3				
17	"	3				
18	"	1				
19	"	60				
20	"	2				
21	"	3				
22	"	2				
23	"	3				
24	"	00				
25	"	3				
26	"	3				
27	"	3				
28	"	1				
29	"	2				
30	EBBG	2				

Photo

Be sure to complete a field map form with every datasheet.

29 NEES
1 589

2007 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

Great Bengala Is.

blue

Date: 5-15-08	ENVIRONMENTAL CONDITIONS	
Start Time: 08:00	Temperature: 53° ~ 71°	Tide: High
End Time: 09:22	% Cloud Cover: 95%	Mid
Observer: Polly Stevens	Wind Speed: 1.8 mph ~ 0	Low
Recorder: Wayne Peterson	Wind Direction: SE ~ 0	

* visit in Phragmites

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	COEI	5		0343667	4688299	15'
2	HEGU(?)	3		0343671	4688306	24'
3	COEI	3		0343690	4688332	18'
4	COEI	225		0343735	4688362	18'
5	HEGU	3				
6	HEGU	3				
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
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24						
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26						
27						
28						
29						
30						

*

Boat-based Survey Data Form

Garmin
76
record
track

→ one
adult

possible?

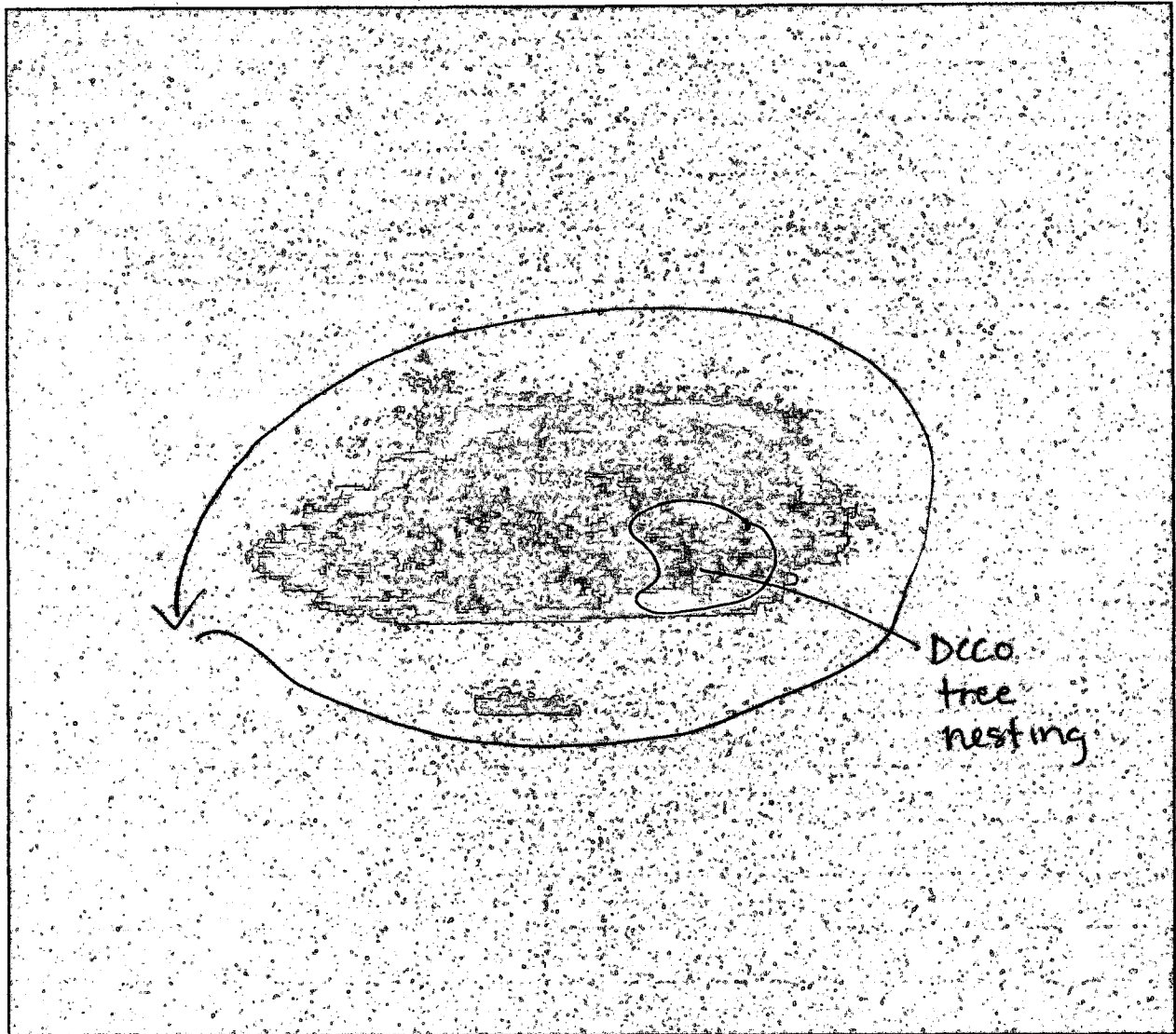
2 adult
Amoy

flew
over the
water
from
Lovell/
Gallop
~~towards~~
Deer

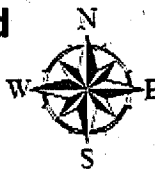
very choppy
quit early

Gallops

Amoy



**BOHA Breeding Coastal Bird
Monitoring Protocol
Field Map: Sarah**



0 25 50 100 150 200 Feet

Created by: Carol Lynn Trocki, URI, 05/07
Background Datalayer: February 2003, 1:5,000
scale ortho image from MassGIS

5-23-08

Hingham Harbor
boat based
surveys

Circled 2x

no AMOY?

HERG } surround
bBBG }

estimates of
herons?

Saw GREG, SNEG, BCNIT
No GLIB =

2003 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

Garmin 76

Date: 5-23-08	ENVIRONMENTAL CONDITIONS	
Start Time: 1045	Temperature: 62°	Tide:
End Time: 1147	% Cloud Cover: 5%	High
Observer: ShC/CLT	Wind Speed: 4.4 mph	Mld
Recorder: CLT/ShC	Wind Direction: NW	Low

Obs	Rec	Island	Section	DCCO	GBBG	HERG	AMOY
CLT	ShC	Langlee		Ø	Ø	Ø	Ø
ShC	CLT	Ragged		Ø	Ø	Ø	Ø
ShC	CLT	Sarah			3 5,2,1,2	2 46,12,9,18	
CLT	CLT	Sarah		52,10	6,2,1,2	25,25,10	1 AMOY - not terr.?
					1,3,2	11,9,7,9	
						14,4	
ShC				58,6	4,2,1,2	3,9,8 21,23,9,16	
CLT				56,3	3,3,1,1,2	23,8,33,	
					2,1,4	8,20,2,7 10,7,1,1	
PS				(38)✓	(8)✓	(97)✓	
CLT				(62)✓	(17)✓	(114)✓	
ShC					(13)✓	(87)✓	
RK				(19)✓	(20)✓	(91)✓	
AK				(55)✓	(14)✓	(98)✓	
CLT2				(59)✓	(17)✓	(130)✓	
ShC2				(64)✓	(9)✓	(86)✓	
RS				(64)✓	(18)✓	(98)✓	
All		Grape					Ø
All		Slate					Ø

YCNH - F

Also
SNEG
GREG
BCNH

Notes:

0945

1015

↑
CHK
notebook

2008 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

Date: 5-23-08	ENVIRONMENTAL CONDITIONS	
Start Time: 1015	Temperature: 62	Tide:
End Time: 1147	% Cloud Cover: 5%	High
Observer: ADAM	Wind Speed: 4.4	Mid
Recorder: RUS	Wind Direction: NW	Low

[illegible]

Notes:

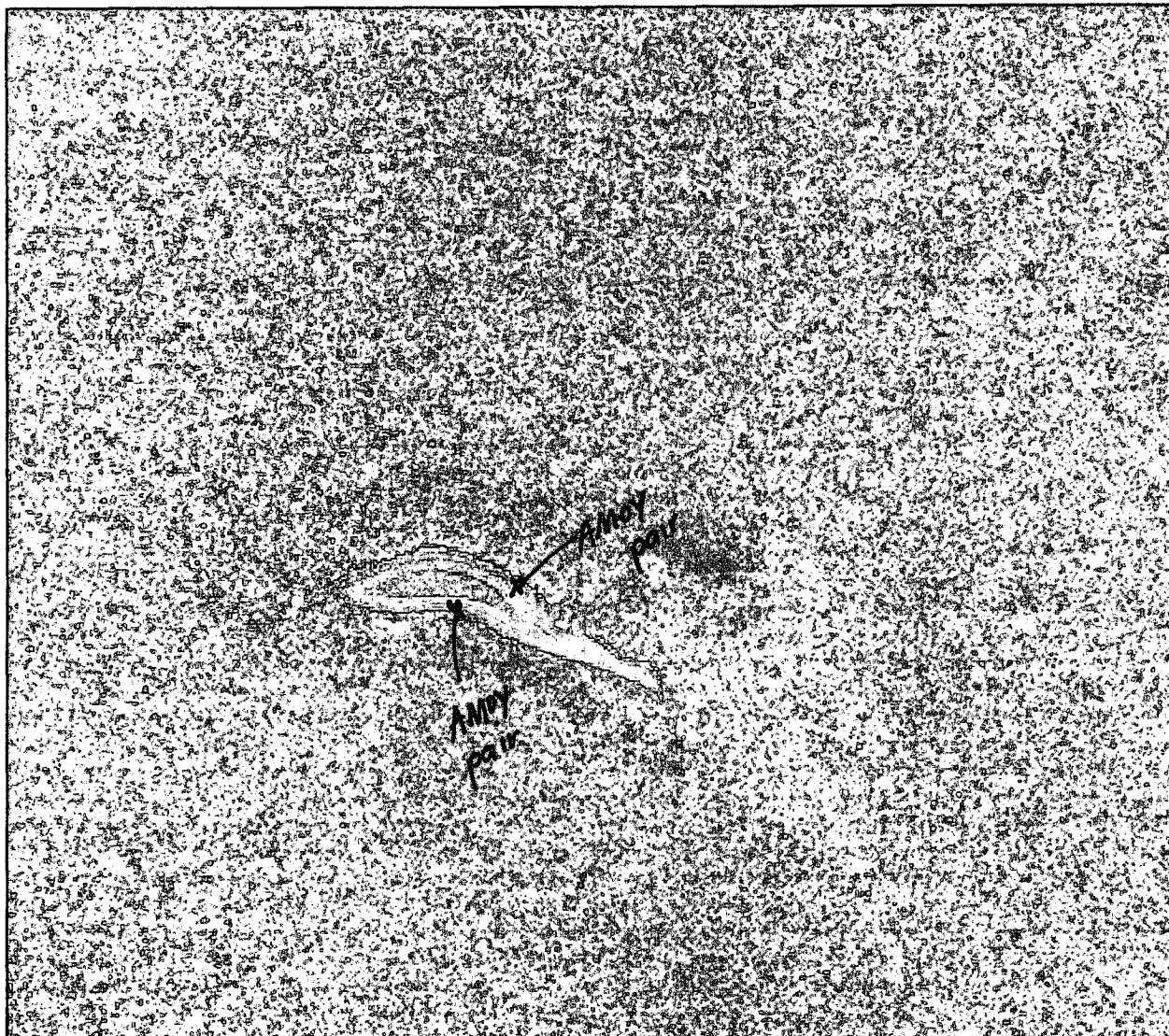
Boat-based Survey Data Form

Date: 5/23	ENVIRONMENTAL CONDITIONS	
Start Time: 10:45 AM	Temperature: 62	Tide:
End Time: 11:27 AM	% Cloud Cover: 5%	High
Observer: RB66 Kelly (BK)	Wind Speed: 4.4	Mid ✓
Recorder: Polly S Stevens	Wind Direction: NW	Low

PSS

[illegible]

Notes:



**BOHA Breeding Coastal Bird
Monitoring Protocol
Field Map: Sheep**



0 55 110 220 330 440 Feet

Created by: Carol Lynn Trocki, URI, 05/07
Background Datalayer: February 2003, 1:5,000
scale ortho image from MassGIS

5/23/08

CLT
AK
ShC
RS
RK
PS

several DCCO nests
gull nest count

4 GREG, 1BCNH - early nests

no eggs
visible
in bittersweet

circled
entire island
complete
ground
count

2007 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

1 OF 3

Island: <u>SHEEP</u>	GPS Unit: <u>GPS 76</u>
Date: <u>5/23/2008</u>	ENVIRONMENTAL CONDITIONS
Start Time: <u>0740</u>	Temperature: <u>53</u> ^{START} <u>62</u> ^{END} Tide: <u>High</u>
End Time: <u>0933</u>	% Cloud Cover: <u>10</u> <u>40</u> Tide: <u>Mid</u>
Observer: <u>CAROL I. POLCNY</u>	Wind Speed: <u>6.9</u> <u>7.8</u> Tide: <u>Low</u>
Recorder: <u>ADAM KOZLOWSKI</u>	Wind Direction: <u>NW</u> <u>NW</u>

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	GREG (4)	0	0	341266	4682739	17.7
2	BCNH (1)	Too Early	0	Small colony BUT TOO EARLY		
3				341266	4682739	17.7
4		Early NESTING	MAJORS			
5	HERG	3	0	341242	4682739	21
6	HERG	3	0	341239	4682739	28
7	HERG	3	0	341237	4682739	22
8	HERG	3	0	341238	4682737	26
9	HERG	3	0	341238	4682741	17.5
10	GABG	3	0	341231	4682739	20.5
11	HERG	3	0	341229	4682735	18.7
12	HERG	3	0	341228	4682737	16.7
13	HERG	3	0	341212	4682740	15.7
14	HERG	3	0	341220	4682739	15.7
15	HERG	2	0	341212	4682741	15.3
16	GABG	1	2	341218	4682741	14.9
17	GABG	1	1	341218	4682741	14.9
18	GABG	0	3	341221	4682745	15.3
19	HERG	3	0	341226	4682746	15.7
20	WAK GULL	0	0	341229	4682747	19.1
21	GABG	3	0	341232	4682746	17.7
22	GABG	1	0	341231	4682747	17.7
23	GABG	1	0	341234	4682747	17.2
24	HERG	3	0	341235	4682749	20.8
25	GABG	3	0	341236	4682747	21.0
26	GABG	3	0	341237	4682746	16.5
27	HERG	2	0	341235	4682744	14.4
28	GABG	0	3	341228	4682742	17.8
29	HERG	3	0	341235	4682741	15.2
30	HERG	1	2	341239	4682742	16.6

****Be sure to complete a field map form with every datasheet.****

ALL
BITER SWEEP

15 HERG
10 GABG

2008 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

2 of 3

Island: SHEEP		GPS Unit: GPS 76	
Date: 5/23/2008		ENVIRONMENTAL CONDITIONS	
Start Time:	Temperature:	Tide:	
End Time:	% Cloud Cover:	High	
Observer: TROCKI	Wind Speed:	Mid	
Recorder: KODZOWSKI	Wind Direction:	Low	

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	HERG	3	Ø	341240	4682739	20.5
2	HERG	2	Ø	341242	4682739	15.6
3	HECS	3	Ø	341244	4682744	15.6
4	HECS	2	Ø	341244	4682745	15.2
5	DCCO	4	Ø	341245	4682750	17.4
6	HERG	2	Ø	341244	4682745	15.0
7	HERG	3	Ø	341245	4682739	20.5
8	HERG	3	Ø	341251	4682737	16.4
9	HERG	3	Ø	341252	4682741	15.5
10	HERG	3	Ø	341254	4682745	15.4
11	HERG	3	Ø	341256	4682746	14.9
12	HECS	3	Ø	341255	4682749	13.9
13	HERG	3	Ø	341259	4682748	15.4
14	HERG	3	Ø	341261	4682748	15.3
15	DCCO	3	Ø	341254	4682751	16.3
16	DCCO	1	Ø	341257	4682753	19.6
17	DCCO	3	Ø	341260	4682753	16.4
18	HERG	3	Ø	341260	4682751	16.4
19	HERG	3	Ø	341263	4682751	15.2
20	HERG	3	Ø	341264	4682750	15.3
21	HERG	3	Ø	341267	4682753	21.8
22	HERG	3	Ø	341272	4682754	15.3
23	HECS	3	Ø	341275	4682754	17.1
24	HERG	1	2	341282	4682750	15.2
25	HERG	3	Ø	341287	4682746	18.3
26	GBBG	2	1	341286	4682739	18.3
27	HERG	3	Ø	341291	4682736	15.1
28	HERG	2	Ø	341297	4682738	17.9
29	HERG	3	Ø	341293	4682744	16.1
30	HECS	2	Ø	341289	4682745	19.8

****Be sure to complete a field map form with every datasheet.****

25 HERG
4 DCCO
1 GBBG

OVER → 28 HERG

★ SEE OVER FOR MORE DATA

2008 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

Island: <u>Sheep Is</u>	GPS Unit:	
Date: <u>5/23/2008</u>	ENVIRONMENTAL CONDITIONS	
Start Time: <u>7:40 am</u>	Temperature: <u>50°F</u>	Tide:
End Time:	% Cloud Cover: <u>10%</u>	High
Observer: <u>Bob Kelly, Bob Stymur</u>	Wind Speed: <u>6.9</u>	Mid
Recorder: <u>Sheila Colwell</u>	Wind Direction: <u>NW</u>	Low

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	HERG	3		0341351	4682725	20
2	HERG	3		0341350	4682728	15
3	HERG	3		0341350	4682729	14
4	HERG	2		0341349	4682731	18
5	HERG	3		0341348	4682727	16
6	GBBG		2	0341347	4682726	14
7	HERG	3		0341346	4682731	14
8	HERG	3		0341346	4682731	17
9	HERG	3		0341342	4682732	15
10	HERG	3		0341342	4682731	15
11	HERG	3		0341341	4682732	15
12	HERG	3		0341341	4682729	14
13	HERG	3		0341342	4682726	14
14	GBBG	2	1	0341343	4682725	14
15	GBBG		3	0341344	4682726	15
16	HERG	3		0341317	4682733	18
17	HERG	3		0341309	4682736	25
18	HERG	3		0341305	4682738	18
19	HERG	1		0341295	4682738	22
20	HERG	3		0341293	4682739	18
21	HERG	3		0341291	4682739	18
22	HERG	3		0341290	4682740	18
23	HERG	3		0341277	4682738	25
24	GBBG		1	0341280	4682733	18
25	HERG	3		0341267	4682736	17
26	HERG	1		0341266	4682735	18
27	HERG	3		0341267	4682738	20
28	HERG	3		0341264	4682739	18
29	HERG	3		0341265	4682738	16
30	HERG	3		0341260	4682737	18

****Be sure to complete a field map form with every datasheet.****

26 HERG

4 GBBG

Page 2

2008 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form



Island:		GPS Unit:	
Date:	ENVIRONMENTAL CONDITIONS		
Start Time:	Temperature:	Tide:	
End Time:	% Cloud Cover:	High	
Observer:	Wind Speed:	Mid	
Recorder:	Wind Direction:	Low	

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	GBBG	2	1	0341252	4682739	19
2	HERG	3		0341249	4682735	17
3	GBBG		2			
4	GBBG		3	0341270	4682735	17
5	HERG	3		0341251	4682737	19
6	HERG	3		0341241	4682736	16
7	HERG	1		0341240	4682735	16
8	HERG	2		0341231	4682732	14
9	HERG	1		0341231	4682730	14
10	HERG	3		0341222	4682733	14
11	HERG	2		0341220	4682731	17
12	HERG	3		0341216	4682738	15
13	GBBG		3	0341218	4682740	15
14	GBBG	3		0341218	4682741	13
15	GBBG	3		0341220	4682740	13
16	HERG	3		0341220	4682742	14
17	HERG	3		0341221	4682743	14
18	HERG	3		0341222	4682745	14
19	GBBG	3		0341233	4682745	15
20	GBBG	1		0341227	4682747	15
21	GBBG	1		0341227	4682744	14
22	HERG	2		0341230	4682754	14
23	HERG	2		0341234	4682754	17
24	HERG	3		0341235	4682752	14
25	HERG	2		0341234	4682750	14
26	HERG	3		0341238	4682749	14
27	HERG	3		0341240	4682750	14
28	HERG	3		0341241	4682753	15
29	HERG	3		0341242	4682753	15
30	HERG	2		0341244	4682752	15

Be sure to complete a field map form with every datasheet.

21 HERG
9 SBBG

Page 3

2008 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

SHOEP

Island:		GPS Unit:	
Date:	ENVIRONMENTAL CONDITIONS		
Start Time:	Temperature:	Tide:	
End Time:	% Cloud Cover:	High	
Observer:	Wind Speed:	Mid	
Recorder:	Wind Direction:	Low	

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	HERG	2		0341 242	4682752	16
2	HERG	2		0341 244	753	13
3	HERG	3		244	754	15
4	DCCO	3		0341 246	4682753	13
5	HERG	1		249	754	13
6	HERG	3		03 249	755	13
7	HERG	2		251	755	14
8	HERG	3		252	753	13
9	HERG	3		253	754	13
10	HERG	3		253	759	14
11	HERG	2		254	758	14
12	HERG	2		255	755	13
13	HERG	3		255	756	14
14	HERG	3		258	757	13
15	HERG	3		262	756	15
16	HERG	3		263	756	13
17	HERG	3		263	759	14
18	HERG	3		267	757	15
19	HEN	1		267	762	15
20	HERG	1		267	764	14
21	HERG	2		268	763	15
22	HERG	3		267	757	18
23	HERG	2		270	758	15
24	HERG	3		272	759	15
25	HERG	2		275	759	14
26	HERG	3		277	759	15
27	HERG	3		279	760	15
28	HERG	2		278	762	14
29	HERG	1		279	762	16
30	HERG	3		282	761	14

Be sure to complete a field map form with every datasheet.

29 HERG.
1 DCCO

2003 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

galep

7/28/02

Island:		GPS Unit:	
Date:		ENVIRONMENTAL CONDITIONS	
Start Time:	Temperature:	Tide:	
End Time:	% Cloud Cover:	High	
Observer:	Wind Speed:	Mid	
Recorder:	Wind Direction:	Low	

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	LENG	3		0341-279	4682 762	14
2	HERG	2		278	766	14
3	HERG	3		283	762	14
4	HERG	3		284	760	14
5	HERG	3		285	760	15
6	HERG	1		284	760	14
7	HERG	3		285	761	13
8	HERG	2		285	762	16
9	HERG	3		287	763	15
10	HERG	3		288	762	14
11	HERG		2	287	757	16
12	HERG	2		288	758	17
13	HERG	3		288	761	15
14	HERG	3		289	761	14
15	HERG	3		289	762	15
16	HERG	3		289	765	14
17	HERG	2		293	764	14
18	HERG	3		293	761	14
19	HERG	2		292	759	14
20	HERG	3		294	759	15
21	HERG	3		295	759	16
22	HERG	3		297	761	14
23	HERG	3		297	760	15
24	HERG	3		298	759	15
25	HERG	3		297	759	14
26	HERG	1		297	765	15
27	HERG	1		300	763	17
28	HERG	3		299	760	15
29	HERG	3		302	758	14
30	HERG	2		305	757	15

Be sure to complete a field map form with every datasheet.

pse 5 (RHS)

5/23/08 Sheep

~~DETA~~ ✓

HERG	1	0341	303	4682756	16
HERG	3		303	755	15
HERG	3		305	757	15
HERG	3		309	760	14
✓	3		309	757	15
✓	3		308	757	14
"	3		310	756	15
HERG	2		310	758	15
HERG	3		311	759	14
HERG	3		313	757	15
HERG	3		315	753	15
HERG	3		315	755	17
HERG	3		316	753	16
HERG	3		318	754	16
HERG	2		319	757	15
HERG	3		319	754	16
HERG	3		318	753	15
HERG	3		320	757	16
HERG	3		322	751	16
HERG	2		323	752	16
HERG	3		324	750	15
HERG	2		326	751	15
HERG	2		327	750	15
HERG	3		326	749	15
HERG	3		329	747	18
HERG	3		330	753	17
HERG	3		333	751	17
HERG	2	1 chick	331	749	16
HERG	3		331	746	17
HERG	3		332	744	18
HERG	3		336	744	17
HERG	3		336	743	18
HERG	3		336	744	16

TOTAL:
33 HERG

pg 6

SHEEP

5/23/08

(RMS)

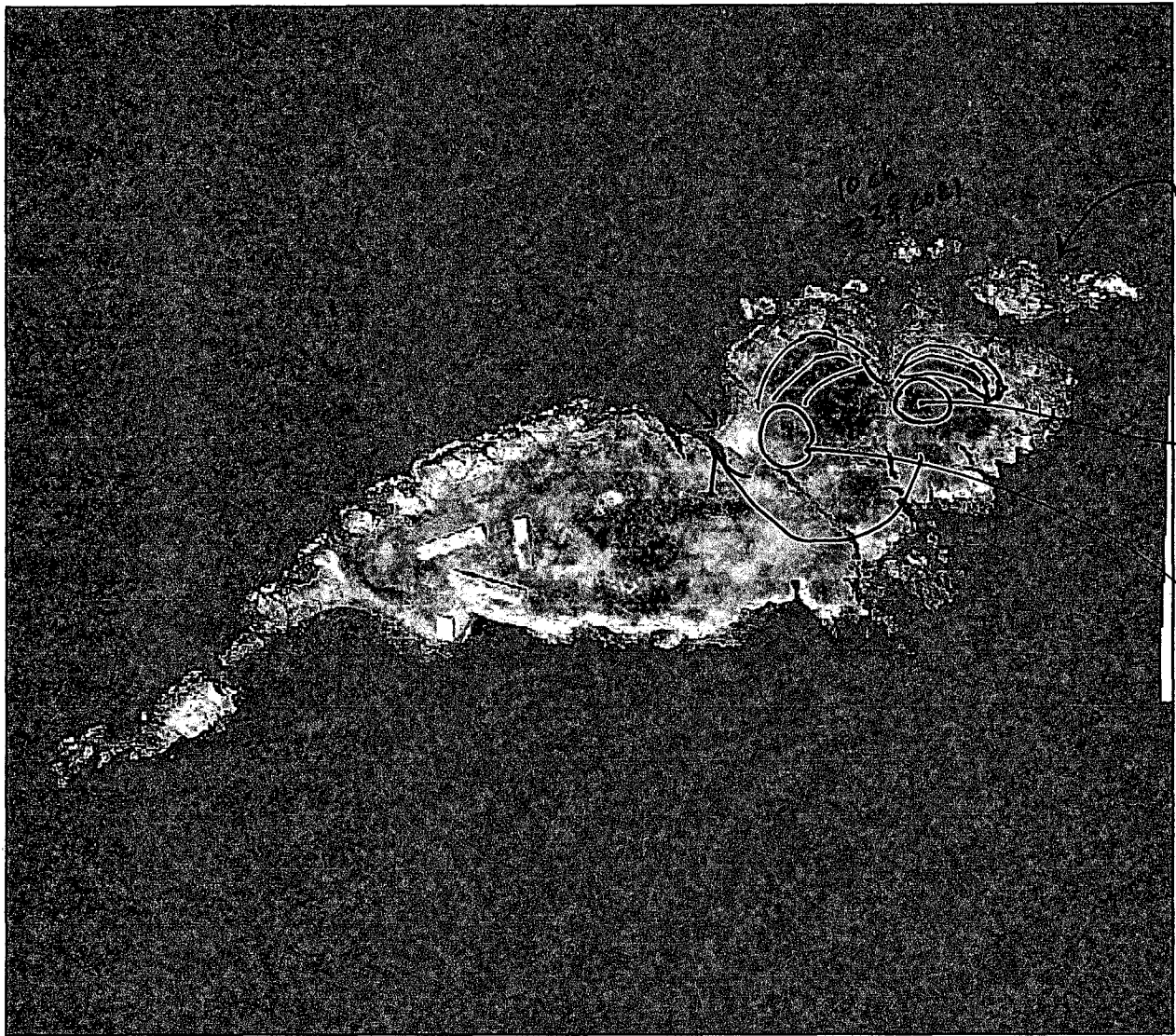
HEGU	1	0341	339	468	2748	17
HEGU	2		339		743	16
HEGL	2		340		740	16
HELG	3		337		739	17
HELG	3		344		740	16
HELG		2 chicks	345		740	16
HELG	3		338		737	16
HEP	2		341		736	16
HEP	3		342		733	16
HEP	3		343		733	16
HEP	3		344		735	16
HEP	3		345		735	15
HEP	3		345		736	15
HEP	2		351		734	15
HEP	3		351		731	15
HEP	3		353		728	15

TOTAL:
16 HEES.

yellow
GPS

End 933 AM

62° 40% cloudy
7.8 mph NW



**BOHA Breeding Coastal Bird
Monitoring Protocol
Field Map: Outer Brewster**



0 45 90 180 270 360 Feet

Created by: Carol Lynn Trocki, URI, 05/07
Background Datalayer: February 2003, 1:5,000
scale ortho image from MassGIS

5.29.08

RS, VW

CJ, PG

CLT

Esides of landing
beach only

rushed at end

2 SNEEG
8 BCNT n's
not entire
flushed adults
3 BCNT
2 SNEG
2 GLIB

COE1 7+7

2008 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

Sumac
beginning
to leaf out
grass
12" +
1 2GLIB 1

Island: Outer Brewster	GPS Unit: Garmin 76
Date: 5.29.08	ENVIRONMENTAL CONDITIONS
Start Time: 0745	Temperature: 54° 59° ^{END} Tide:
End Time: 0943	% Cloud Cover: 0% 0% High
Observer: CLT	Wind Speed: 4.1 mph 5.0 mph Mid
Recorder: CLT	Wind Direction: NE NE Low

33BCNH
2SNEG



Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	COE1	1	4	0345381	4689499	19.2
2						
3	WB col.			345392	4689501	25.5
4	SNEG	3	0			
5	SNEG	0	23			
6	BCNH	0	3+			
7	BCNH	2N - contents ?				
8	BCNH	0	4			
9	SNEG BCNH	3	0			
10	BCNH	4	0			
11	BCNH	20	3			
12	BCNH	0	2			
13	COE1	5	0	345422	4689535	14.8
14	COE1	5	0	345435	4689525	14.9
15	COE1	7	0	345432	4689536	15.7
16	COE1	2	0	345435	4689540	16.5
17	COE1	1	0	345436	4689539	17.1
18	COE1	4	0	0345482	4689536	17.8
19	COE1	♀ - sitting		0345497	4689511	15.8
20	COE1	4	0	0345495	4689520	18.0
21	COE1	5	0	0345414	4689458	16.9
22						
23						
24						
25						
26						
27						
28						
29						
30						

WB
col.
rubis
Sumac

chicks
hatched
??

off flushed
238 + 18
8 chicks
+ 2 chicks
207

Be sure to complete a field map form with every datasheet.

2008 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

1 of 2

Island: <u>Outer Brewster</u>	GPS Unit: <u>Blue</u>
Date: <u>5/29/08</u>	ENVIRONMENTAL CONDITIONS
Start Time: <u>07:45</u>	Temperature: <u>54°F</u> Tide: <u>High</u> ✓
End Time: <u>09:43</u>	% Cloud Cover: <u> </u> Mid
Observer: <u>Carl</u>	Wind Speed: <u>4.1 mph</u> Low
Recorder: <u>P. Gagne</u>	Wind Direction: <u>NE</u>

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	COEI	1	3	0345366	4689515	18
2	LOEI	5	0	0345563	4689525	20
3	COEI	2	0	0345365	4689539	16
4	COEI	4	0	0345365	4689540	14
5	LOEI	4	0	0345365	4689543	13
6	COEI	4	0	0345361	4689543	14
7	LOEI	4	0	0345372	4689543	13
8	COEI	0	0	0345412	4689559	13
9	COEI	0	0	NE Cove		
10	COEI	0	2	NE Cove		
11	COEI	0	0	0345415	4689560	13
12	COEI	0	0	0345432	4689551	14
13	LOEI	0	0	0345428	4689549	26
14	COEI	4	0	0345431	4689544	38
15	LOEI	2	0	0345465	4689541	15
16	COEI	0	0	0345466	4689539	15
17	COEI	5	0	0345480	4689551	15
18	LOEI	0	40	N Point		
19	COEI	0	6	N Point		
20	COEI	0	12	Swamp 4		
21	COEI	3	0	0345518	4689530	14
22	LOEI	5	0	0345523	4689525	16
23	COEI	4	0	0345523	4689507	15
24	COEI	0	20	E Promontory		
25	COEI	0	16	E Promontory		
26	COEI	Un	Un	0345487	4689469	16
27	COEI	4	0	0345457	4689467	32
28	COEI	0	0	0345456	4689473	16
29	COEI	4	0	0345452	4689476	19
30	COEI	0	0	0345452	4689477	18

****Be sure to complete a field map form with every datasheet.****

2008 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

2 of 2

Island: Outer Brewster	GPS Unit: Blue
Date: 5-29-08	ENVIRONMENTAL CONDITIONS
Start Time: 07:45	Temperature: 59 Tide: _____
End Time: 0943	% Cloud Cover: 0 High ☒
Observer: Corbue	Wind Speed: 5 mph Mid ☐
Recorder: P. Gannon	Wind Direction: NE Low ☐

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	COEI	5	Ø	0345454	4689483	17
2	COEI	4	Ø	0345453	4689482	18
3	COEI	3	Ø	0345372	4689525	19
4	COEI	5	Ø	0345382	4689463	16
5	COEI	4	Ø	0345404	4689447	21
6						
7						
8						
9						
10						
11						
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****Be sure to complete a field map form with every datasheet.****

Outer
Brewster

2008 BOHA Waterbird Monitoring Program

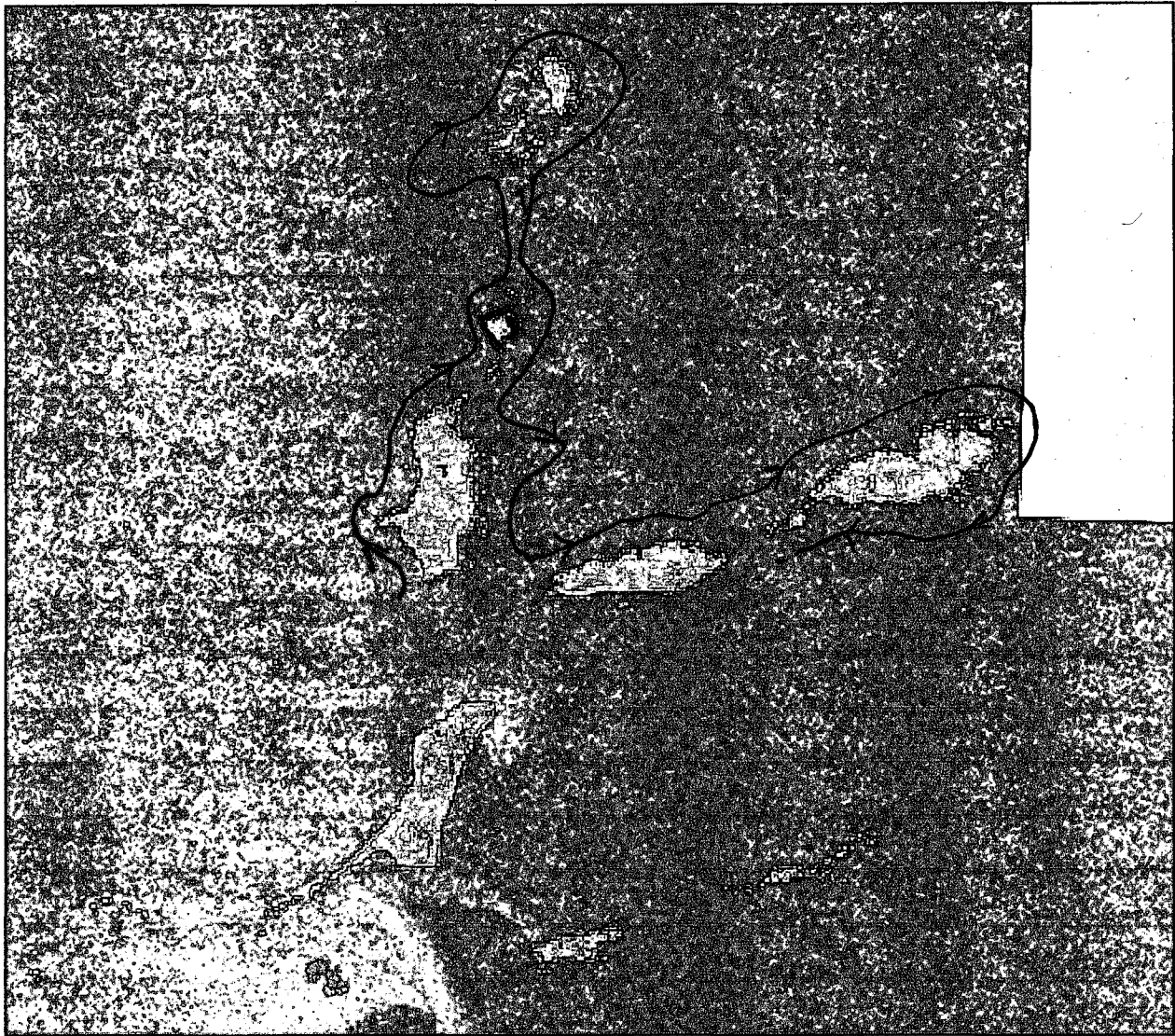
Complete Colony Nest Survey Data Form

RHS
VAMRA
yellow

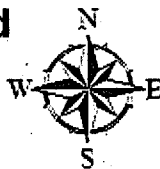
Island:	GPS Unit:
Date: 5/29/08	ENVIRONMENTAL CONDITIONS
Start Time: 9/40	Temperature: 55 Tide:
End Time: 9/43	% Cloud Cover: 0 High
Observer: Bob + Val	Wind Speed: 5 Mid
Recorder: Bob + Val	Wind Direction: NE Low

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	COEI	1	2 eggs hatch	0345389	4689538	19
2	COEI	4		0345417	4689550	19
3	COEI	6		0345425	4689540	
4	COEI	3		0345476	4689541	19
5	COEI	5		0345513	4689513	19
6	COEI	4		0345473	4689479	19
7	COEI	4		0345467	4689489	18.5
8	COEI	4		0345418	4689497	19
9	COEI	4		✓	✓	19
10	COEI	4		0345428	4689492	19
11	COEI	—	bare	0345433	4689485	19
12	COEI	—	✓	++	11	11
13						
14						
15						
16						
17						
18						
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28						
29						
30						

****Be sure to complete a field map form with every datasheet.****



**BOHA Breeding Coastal Bird
Monitoring Protocol
Field Map: Outer Islands**



0 195 390 780 1,170 1,560 Feet

Created by: Carol Lynn Trocki, URI, 05/07
Background Datalayer: February 2003, 1:5,000
scale ortho image from MassGIS

5.29.08

boat based survey

2008 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

GPS Unit: <u>Garmin 76</u>	ENVIRONMENTAL CONDITIONS	
Date: <u>8.29.08</u>	Temperature: <u>59°</u>	Tide: <u>High</u>
Start Time: <u>1005</u>	% Cloud Cover: <u>0</u>	Mid
End Time:	Wind Speed: <u>5.0 mph</u>	Low
Observer: <u>CLT</u>	Wind Direction: <u>NE</u>	
Recorder: <u>CLT</u>		

Obs	Rec	Island	Section	DCCO	GBBG	HERG	AMOY
CLT	CLT	Calf	W	(86)	2,1,2,1 1,3	4,2,2,3,1 2,2	Ø
					(10)	(16)	
		Little Calf	W	50,2	2,1 (3)	(3)	(1)
				103			
				~~155~~			
		5/7/09 ASK (155)	4/11/09 ASK (156)				
		Green		1,50,3	8,9,2	2,2,3,3	
				22,16		6	
				(92)	(19)	(16)	
		Little Calf	E	12,60	(3)	3,1 (4)	
				(72)			
		Calf	E	Ø	3,1,2	20,8,26	
					(6)	6,5,11,13	
						6,4 (99)	
		Middle Brewster	N	18,46	1,4	3,1,1,2	
				59,20		10,2,1	
				16,22		4,8,2	
				13,36			
				4,49			

Notes:

(293) (5) (34)

SPSA

COEI

→ 29 5ch

COEI

→ 49 3ch

SPSA

10199 ~ 46ch
SPSA

→ 219 ~ 12ch

COEI

SPSA 2

29 7ch COEI
29 5ch COEI

SPSA

1 small
harbour
seal

2008 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

GPS Unit:		ENVIRONMENTAL CONDITIONS	
Date:	5.29.08	Temperature:	65°
Start Time:		Tide:	
End Time:	1203	% Cloud Cover:	0%
Observer:	CLT	Wind Speed:	High
Recorder:	CLT	Wind Direction:	Mid
			Low

page 2

Outer Islands

Obs	Rec	Island	Section	DCCO	GBBG	HERG	AMOY
CLT	CLT	Outer Brew		89	1,1,1,4	11,8,3	
					2,3,1	12,7,7	
					2,2,2	30,17,	
					19	19,7,12	
						5 138	
		Middle Brew	S	149	1,1	2,4,12	
				127, 5		10,6	
		4/19/09 AJK	281	~~291~~	2	42	
		Shag Rocks		35,34	1,1,1		
				32 63	3		
				164			

2♂ 13♀ ~ 50ch.

PUSA

22^o
+2^o ~ 85ch

$$\text{BCNH}$$

17♀ ~ 12ch
2♂

Notes:

2008 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

GPS Unit:			
Date: 5/29/08	ENVIRONMENTAL CONDITIONS		
Start Time: 10:04	Temperature: 54°	Tide: High	
End Time:	% Cloud Cover: clear 0%	Mid	
Observer: RAS	Wind Speed: 4.1	Low	
Recorder: VAW	Wind Direction: SW		

Calf west



Obs	Rec	Island	Section	BCCO	GBBG	HERG	AMOY
PHJ	VAW	Calf	W	96	2	1	
					1	2	
				8	2	1	9
					3	5	
		Little Calf	W	45	43	1	
				93	4	1	
				138	4	2	
		Green	all wayward	48	2	6	
				22	2	8	
				15	10		
				85	74	14	
		L. Calf	E	16		3	
				51			
				67		3	
		Calf	E			4	
					4	4	
						4	
					2	16	
					3	4	

COEI

4 Females
eider
chicks

1 Harb
Seal

Burnh
chicks

2 F
7 ch.

Notes:

9 4
32

N

2008 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

P2

GPS Unit:		
Date:	ENVIRONMENTAL CONDITIONS	
Start Time:	Temperature:	Tide:
End Time:	% Cloud Cover:	High
Observer:	Wind Speed:	Mid
Recorder:	Wind Direction:	Low

Obs	Rec	Island	Section	DCCO	GBBG	HERG	AMOY
		Mid Brew	N	21	2	2	
				46	1 (2 chicks)	2	
				21+		1	
			156	6		10	
				20		2	
				14	(3)	(17)	
				28			
		Outer Brew.	circle	77	2	8	
					1	3	
					2	6	
					2	7	
					3	7	
					10	6	
						3	
						7	
						1	
						3	
						3	
		Mid. Brew	S	150		54	

COET

8 chicks
lots of chicks
Purple Sandpiper

2 Spotted Sandpiper

Notes:

???

4/11/09 ATK

ESTIMATE COUNT OF 150 MORE DCCO FOR

LITTLE BROWN STER.

5/7/09 ATK

2008 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

GPS Unit:	
Date:	ENVIRONMENTAL CONDITIONS
Start Time:	Temperature: Tide:
End Time:	% Cloud Cover: High
Observer:	Wind Speed: Mid
Recorder:	Wind Direction: Low

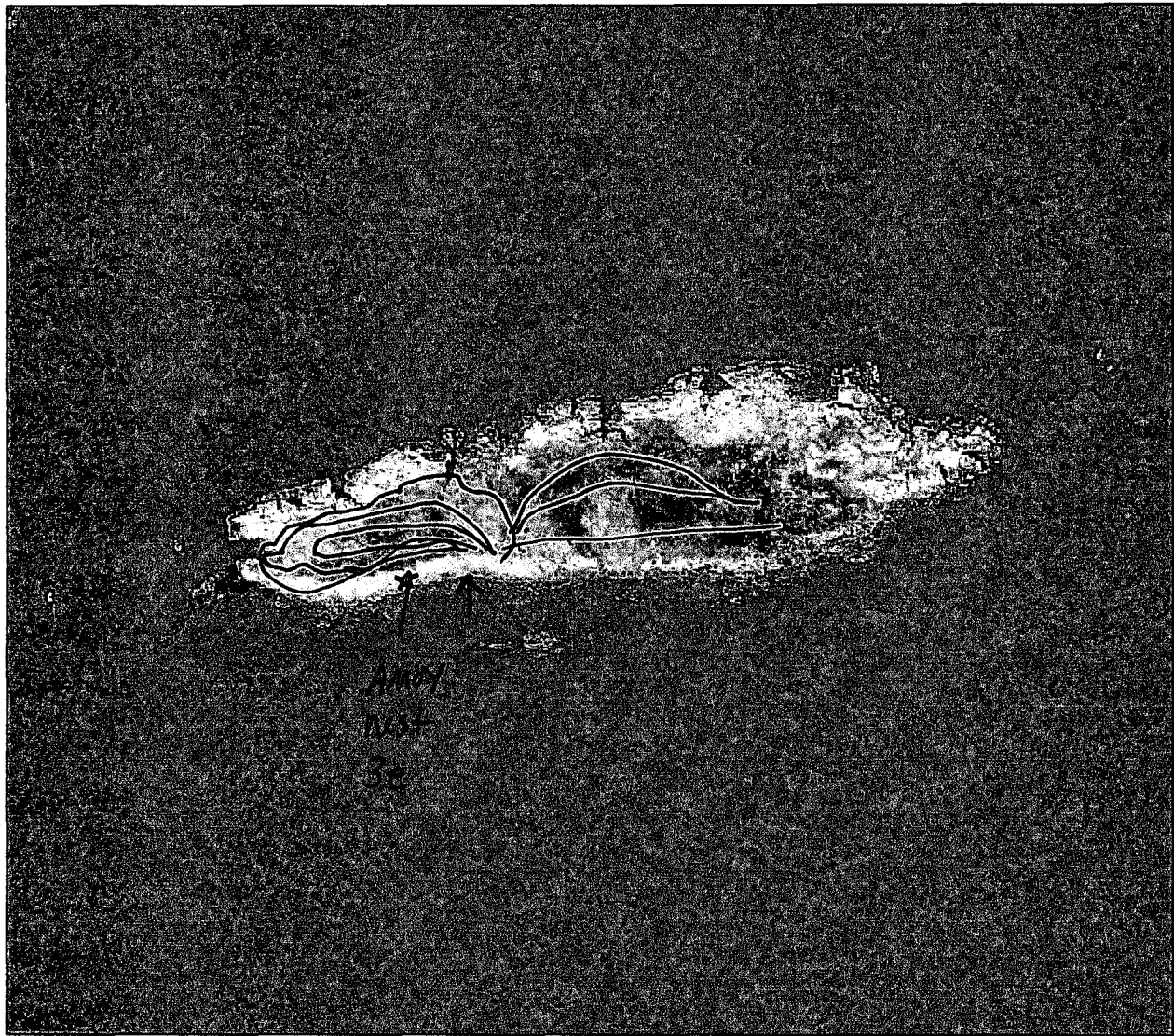
✓ p. 3

[illegible]

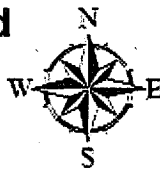
COE

17 ♀ 12 chicks
1 ♂

Notes:



**BOHA Breeding Coastal Bird
Monitoring Protocol
Field Map: Middle Brewster**



0 45 90 180 270 360 Feet

Created by: Carol Lynn Trocki, URI, 05/07
Background Datalayer: February 2003, 1:5,000
scale ortho image from MassGIS

5.30.08

2008 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

Island: <u>Middle Brewster</u>	GPS Unit: <u>Garmin 76</u>
Date: <u>5.30.08</u>	ENVIRONMENTAL CONDITIONS
Start Time: <u>0740</u>	Temperature: <u>61.7° 62°</u> Tide: <u>High</u>
End Time: <u>0938</u>	% Cloud Cover: <u>0 0</u>
Observer: <u>CLT, CJ</u>	Wind Speed: <u>1.5mph 2.3</u>
Recorder: <u>CLT</u>	Wind Direction: <u>E E</u> Low

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	AMoy	3	0	03441324	4689086	28.3
2	COEI	0	0	0344308	4689113	22.1
3	COEI	3	0	0344305	4689114	27.0
4	COEI	4	1	0344312	4689117	16.8
5	COEI	0	4	0344278	4689114	22.5
6	COEI	3	1	0344269	4689113	19.5
7	COEI	4	0	0344222	4689093	17.6
8	COEI - hatched	0	0	0344217	4689091	14.2
9	COEI	5	0	344204	4689093	22.2
10	COEI	4	0	0344224	4689084	18.2
11	COEI	0	0	0344240	4689081	25.9
12	BCNH	3 nests, early, no eggs; not active			344267	
13		3,3	start		4689088	15.9
14	COEI	4	0	0344395	4689132	14.9
15	BCNH	0	0	1 nest, early	344535	4689148
16				stand of trees	died overwash?	
17	COEI	0	0	344412	4689107	20.5
18				hatched?	possible double count	
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

hatched
shells

COEI
178, 6ch

hatched?

SESP

Be sure to complete a field map form with every datasheet.

leaf serrated 5 leaves per leaflet opposite

2008 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

Island: <u>Middle Brewster</u>	GPS Unit:	
Date: <u>5/30</u>	ENVIRONMENTAL CONDITIONS	
Start Time: <u>7:40</u>	Temperature: <u>61.7°</u>	Tide: <u>Blue</u>
End Time: <u>9:40</u>	% Cloud Cover: <u>0%</u>	<u>High</u>
Observer: <u>RHS</u>	Wind Speed: <u>1.5</u>	Mid
Recorder: <u>VAL</u>	Wind Direction: <u>E</u>	Low

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	COEI	5		0344302	4689130	15
2	COEI	4		0344239	4689102	15
3	COEI	2		0344267	4689081	17
4	COEI	~~5~~	<u>1 Hooded g</u>	4309	9111	28
5	COEI	5		0344398	4689114	16
6						
7						
8						
9						
10						
11						
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13						
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29						
30						

****Be sure to complete a field map form with every datasheet.****

2008 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

Island: <u>Middle Brewster</u>	GPS Unit: <u>yellow</u>
Date: <u>5/30/08</u>	ENVIRONMENTAL CONDITIONS
Start Time: <u>7:40</u>	Temperature: <u>61.7°</u> Tide: _____
End Time: <u>9:40</u>	% Cloud Cover: <u>0</u> High ☒
Observer: <u>Kelly, St</u>	Wind Speed: <u>1.5 mph</u> Mid ☒
Recorder: <u>Stevens</u>	Wind Direction: <u>East</u> Low ☐

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	COEI	5	0	0344399	4689123	14
2	COEI disrupted	broken shell	0	311	129	13
3		5	0	313	142	16
4		5	1	275	140	13
5		4	0	233	105	14
6		membranes	0	226	109	14
7		2	0	205	112	15
8		4	0	202	110	15
9		membranes	0	204	084	16
10		5	0	351	120	15
11		4	0	363	126	15
12						
13						
14						
15						
16						
17						
18						
19						
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27						
28						
29						
30						

****Be sure to complete a field map form with every datasheet.****

2008 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

GPS Unit: <u>Garmin 76</u>	ENVIRONMENTAL CONDITIONS Temperature: <u>54°</u> Tide: ☐ High ☒ Mid ☐ Low	
Date: <u>5.30.08</u>		
Start Time: <u>0954</u>		
End Time:		
Observer: <u>CLT+CJ</u>		
Recorder: <u>CLT</u>	Wind Speed: <u>2.1 mph</u>	Wind Direction: <u>E</u>

①

✓

Obs	Rec	Island	Section	DCCO	GBBG	HERG	AMOY
CT	CLT	Calf	W	(63)	1,1,1,1 (4)	2,3,2,1 1,1,2,1,1,2	(16)
CLT	CLT	Calf	W	(111)	2,1,1 1,1 (6)	1,2,1,1,1 1,1,1,1,4 1,4 (19)	
CT	CLT	Little Calf	W	⁵⁰ 47,3,16 (129)	(1)	(2)	
CLT	CLT	Little Calf	W	⁵⁰ 47,3,16 (81) 33	(1)	1,1,6 (8)	
CT	CLT	Green		29,19,6 (98)	1,1,1,3 2,3 (11)	2,1,1,2 4,3,3,1,1,1,3,7 (29)	
CLT	CLT	Green		9,22,21 13,14 (79)	6,2,3,1 4 (16)	3,9,6 4,7 (29)	

COET

SPSA

79 + 22ch

328 ~ 120ch

Notes:

2008 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

Page 2 ✓

GPS Unit:			
Date: 5.30.08	ENVIRONMENTAL CONDITIONS		
Start Time:	Temperature:	Tide:	
End Time:	% Cloud Cover:	High	
Observer: CLT, CJ	Wind Speed:	Mid	
Recorder: CLT	Wind Direction:	Low	

Obs	Rec	Island	Section	DCCO	GBBG	HERG	AMOY
CJ	CLT	Little Calf	E	2,18,7	2,3	2,1,1,1	
				14,16	(5)	(5)	
				(57)			
CLT	CLT	Little Calf	E	(100)	2,3	4,1	
					(5)	(5)	
CJ	CLT	Calf	E	(8)	2,2	1,1,1,2,3	
					1,1,2	6,6,9,9,4,2	(44)
CLT	CLT	Calf	E		3,3,2	4,5,4	
					(8)	13,17,4,4,4	
						(55)	
				209	36		
				3,17			
CJ	CLT	Middle B	N	17,15,57			2,1,4,2,1,2
				4,54,6		(32)	9,4,2,2,2,1
CLT	CLT	Mid Brew	N	27			5,2,1,4
				40,32	1,3,1,1,4,1		3,4,2,1
				38,4	(11)	(22)	
				18,25			
				54			

107 9ch

Notes:

(246)

(202)

4/17/09

AJK

2008 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

Pg 3

Date: 5.30.08	ENVIRONMENTAL CONDITIONS	
Start Time:	Temperature:	Tide:
End Time: 1145	% Cloud Cover:	High
Observer:	Wind Speed:	Mid
Recorder:	Wind Direction:	Low

Obs	Rec	Island	Section	DCSO	GBBG	HERG	AMOY
CJ	CLT	Outer Brew		(70)	1,1,1,1	4,4,2,3	2,4,5
					2,1,2	3,4,10	4,5
					(39)	11,2,19	12
CLT	CLT	Outer Brew		(71)	1,1,3	2,3,4,2	
					1,1,5	7,7,10	
					(12)	14,16,4	
						1,5	
						(75)	
CJ	CLT	Midd Brew	S	153		11,2,15	
				130,7	✓	(28)	
				(190)			
CLT	CLT	Midd Brew	S	120	5,1	5,12	
				154	(6)	22,7	
				4		(46)	
		ASK 4/17/2009	(278)	(278)			
				25,45			
CJ	CLT	Shag Rocks	(125)	20,6,23			
CLT	CLT	Shag Rocks		14,26,27	1,1,1		
				35,12,47	(3)		
				(161)			

(94)

49 8ch
SPSA
119 8 ~ 70ch
19 4ch
~~49 8ch~~
49 10ch

39 ~ 11ch
1 AMOY on
nest loc
earlier

9ch 69 18

99 ~ 16ch

Boat
5.0 mph

Notes:

2008 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

GPS Unit:			
Date: 5/30	ENVIRONMENTAL CONDITIONS		
Start Time: 9/54	Temperature: 54°	Tide:	
End Time:	% Cloud Cover: 0	High	
Observer: RS	Wind Speed: 2.1	Mid	
Recorder: VW	Wind Direction: E	Low	

P2



Obs	Rec	Island	Section	DCCO	GBBG	HERG	AMOY
✓ RS	DW	Calf ~~West~~	West	(84)	3+1+1	1+3+1	
					2+1+1	2+3+2	
					(A)	2+2+6	
		Little Calf	West	74	1+1	1+1	
			(112)	68	3+4	(5) 1	(2) 7/17/09 ASK
		Green	(88)	52	3+2	2+2+4	
				11+10	7+3	1+4	(13)
				15	(15)		
		Little Calf	E	(91)	56+35	(3)	(4)
		Calf	E		4+3+2	7+1+6	(24)
					1	(10)	2+6+2
		Middle Brew	N	15+5+7	1+2+2	3+2+2	
			(124)	20+31	(5)	2+2+5+1	(15)
						5	
		Outer Brew.	1	(72)	1	5+6+8	
					4+3+6	8+8+9	(59)
					(14)	2+8+5	
		Middle Brew	S	127		9+8	1
			(272)	142+3	?	14	(31)

COEI

2 bunches of chicks

ASK 5/11/2009

2 big bunches of eider chicks

Notes:

2008 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

GPS Unit:		
Date:	ENVIRONMENTAL CONDITIONS	
Start Time:	Temperature:	Tide:
End Time: 0145	% Cloud Cover:	High
Observer:	Wind Speed:	Mid
Recorder:	Wind Direction:	Low

P. 2

[illegible]

Notes:

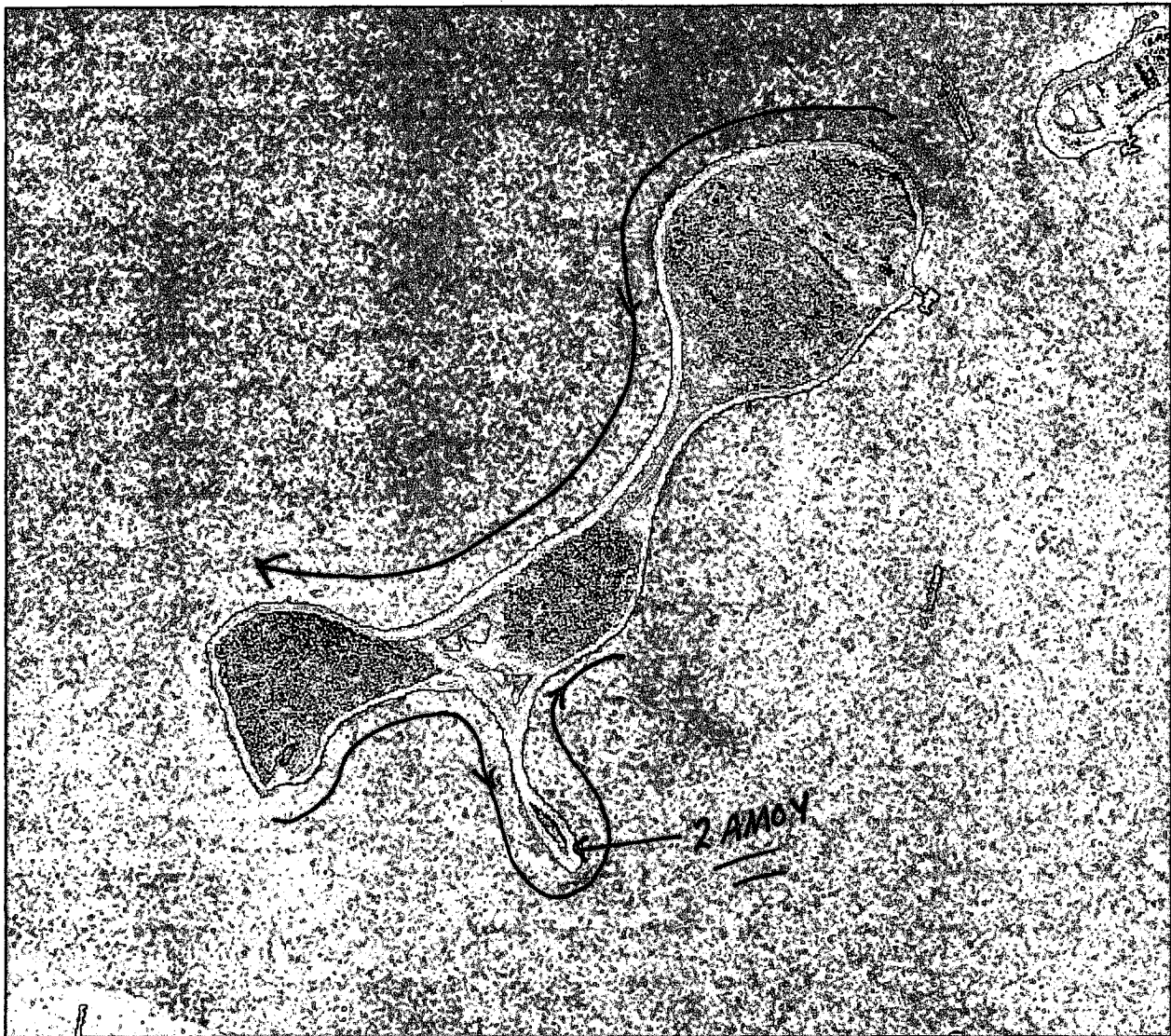
2007 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

Date: 5/30/08	ENVIRONMENTAL CONDITIONS	
Start Time: 09:54	Temperature: 54°	Tide:
End Time:	% Cloud Cover: 0	High
Observer: Robert Kelly	Wind Speed: 2-1	Mid
Recorder: Polly Stevens	Wind Direction: E	Low

Obs	Rec	Island	Section	DCCO	GBBG	HERG	AMOY
RK	PS	Calf	West	122	AT	ATAT	
		TOTAL		(122)	(7)	(16)	
RK	PS	Little Calf	West	56/60	□	□	
		TOTAL		(616)	(4)	(6)	
RK	PS	Green	all	xxx□ xxxv xv	□□□	□□□□	
		TOTAL		(96)	(15)	(18)	
RK	PS	Little Calf	East	57/41 12	L	□	
		TOTAL		(110)	(2)	(4)	
RK	PS	Calf	East		E	v□vvv□	
		TOTAL		(0)	(3)	(26)	
RK	PS	Middle Brewster	North	x□ xxxxv 49+14 xx 62+	L	v□□L	
		TOTAL		(214)	(2)	(17)	
RK	PS	Outer Brewster	ALL	(75)	□□	□□vv v□v□ v□□	
		TOTAL		(73)	(9)	(56)	
RK	PS	Middle Brewster	South	132	□	□vv v□	
		TOTAL		(226)	(4)	(23)	
RK	PS	Shag Rocks	ALL	58+41 67	1		
		TOTAL		(116)	(4)	(0)	

X = 10
 V = 5
 □ = 5
 □ = 4
 □ = 3
 □ = 2
 □ = 1



**BOHA Breeding Coastal Bird
Monitoring Protocol
Field Map: Peddocks**



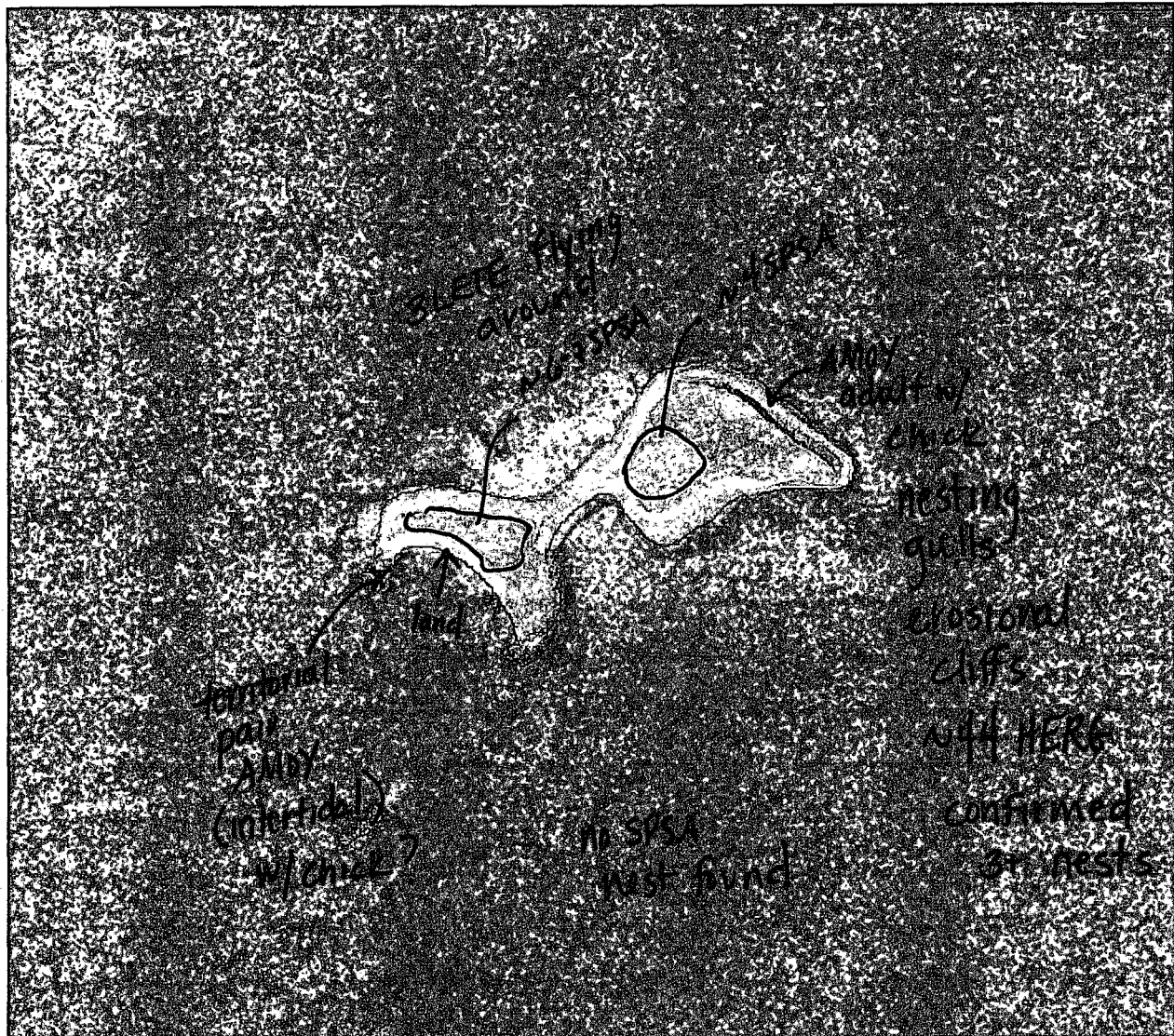
0 55 110 220 330 440 Feet

Created by: Carol Lynn Trocki, URI, 05/07
Background Datalayer: February 2003, 1:5,000
scale ortho image from MassGIS

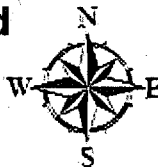
6-5-08

boat-based survey as shown

CLT
RS
VW
PS
AO



**BOHA Breeding Coastal Bird
Monitoring Protocol
Field Map: Rainsford Island**



0 70 140 280 420 560 Feet

Created by: Carol Lynn Trocki, URI, 05/07
Background Datalayer: February 2003, 1:5,000
scale ortho image from MassGIS

6.5.08 landing

CLT
RS
VW
PS

AO - Allie Oakley

0730-0920

~57°F

mod wind NW
fog + drizzle

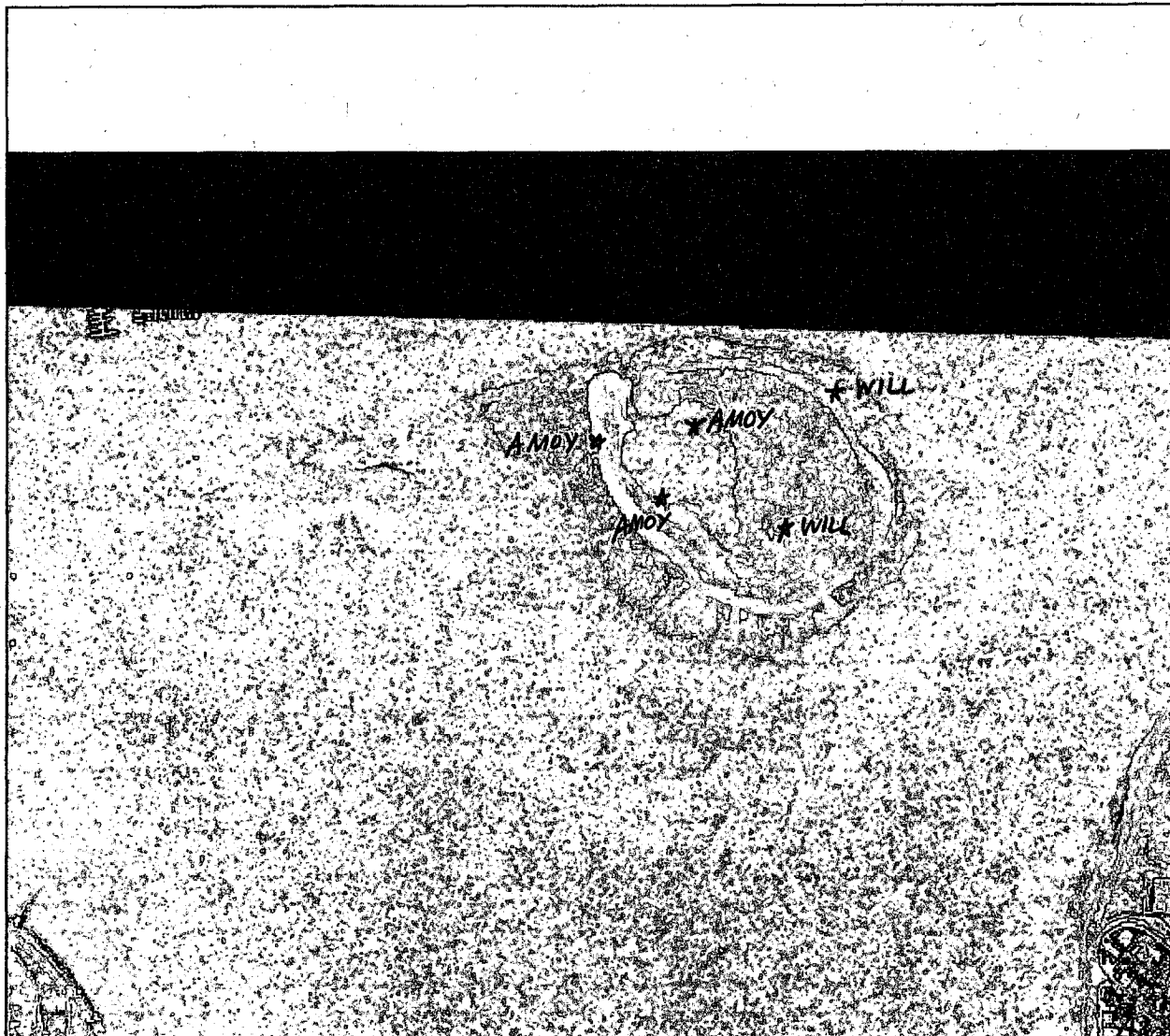
2008 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

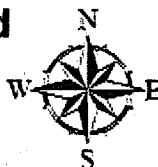
Island: <u>Rainforest</u>	GPS Unit: <u>Garmin 76</u> - <u>batteries dead</u>
Date: <u>6-5-08</u>	ENVIRONMENTAL CONDITIONS
Start Time: <u>0730</u>	Temperature: <u>57°</u> Tide: _____
End Time: <u>0920</u>	% Cloud Cover: <u>100%</u> High _____
Observer: <u>CLT, RS, PS, VW, BAO</u>	Wind Speed: <u>mod</u> Mid _____
Recorder: <u>CLT</u>	Wind Direction: <u>NW</u> <u>Low</u>

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	AMOY		1	0339201	4686383	?
2	HERG	~44 adults				
3						
4	SPSA	~ 11 adults	flushed ..			
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

****Be sure to complete a field map form with every datasheet.****



**BOHA Breeding Coastal Bird
Monitoring Protocol
Field Map: Snake**



0 55 110 220 330 440 Feet

Created by: Carol Lynn Trocki, URI, 05/07
Background Datalayer: February 2003, 1:5,000
scale ortho image from MassGIS

6.13.08

landing, high tide

1 SNEG } foraging
1 BCNH }

CLT
PP
AB
WP
RS
MA

AMOY => 10 adults

WILL = 7 adults

COTE = 6 adults

LETE = 4 adults

} no nests

2 STSP in marsh

RUTU
BBPL

2008 BOHA Waterbird Monitoring Program

Complete Colony Nest Survey Data Form

Island: <i>Snake</i>	GPS Unit:	
Date: <i>6-13-08</i>	ENVIRONMENTAL CONDITIONS	
Start Time: <i>0759</i>	Temperature: <i>62°</i>	Tide: ☒ High
End Time:	% Cloud Cover: <i><5%</i>	☐ Mid
Observer: <i>CLT, WP, PP, AB, RS, MA</i>	Wind Speed:	☐ Low
Recorder: <i>CLT</i>	Wind Direction:	

Number	Species	# Eggs	# Chicks	X (UTMs)	Y (UTMs)	Acc (m)
1	AMOY	3	0	0336884	4692406	9
2						
3	total adult AMOY = 10			} no nests found		
4	WILL = 7					
5	LETE = 4					
6	COTE = 6			} no nests		
7						
8						
9	see map for AMOY pair locations					
10						
11						
12	STSP =	2 adults				
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

****Be sure to complete a field map form with every datasheet.****

2008 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

GPS Unit: blue		ENVIRONMENTAL CONDITIONS Temperature: 62° Tide: <u>High</u> % Cloud Cover: <5% Wind Speed: Wind Direction: Low	
Date: 6-13-08			
Start Time: ~~0830~~ ~ 8900?			
End Time: ? 1107			
Observer: CLT, PP, WP, RS, AB, MA			
Recorder: CLT			

Obs	Rec	Island	Section	DCCO	GBBG	HERG	AMOY	COEI ♀	chicks
ALL	Carol	Calf	W					21	1
		Little Calf	W					4	0
		Green						24	25
		Little Calf	E					0	0
		Calf	E				3ad.	37	3
		Midd. Brew	N					4	5
		Outer Brew						37	54
		Midd Brew	S					12	6
		Shag Rocks						18	28
							TOTAL	155	122
		Spinnaker		~250	COTE				

Notes:

2008 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

GPS Unit:			
Date: 7-1-08	ENVIRONMENTAL CONDITIONS		
Start Time: 730(ish)	Temperature: ~70°	Tide:	
End Time: 0853	% Cloud Cover: 0 → 100%	High	
Observer: CLT, HW, RS	Wind Speed: mod	Mid	
Recorder:	Wind Direction: SE	Low	

Outer Islands

ALL Obs	CLT Rec	Island	Section	COEI ♀ -DCCO-	COEI ch -GBBG	COEI ♂ -HERG-	AMOY
		Calf	W	8	0		
				6	0		
				2	4		
		Little Calf	W	1	2		
				2	0		
				1	0		
				2	5		
				9	0		
		Green		1	0	1	
				1	2	1	
				2	0	4	
				2	0		
				1	0		
				2	0	6	
				2	0	2	
				5	0	1	
				7	0		
				2	0		

SPSA

open water

GLIB fly over

Notes:

2008 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

GPS Unit:		Pg 2 Outer Island		
Date: 7.1.08	ENVIRONMENTAL CONDITIONS			
Start Time: 0	Temperature:			Tide:
End Time: 0853	% Cloud Cover:			High
Observer:	Wind Speed:			Mid
Recorder: CLT	Wind Direction:			Low

ALL Obs	CLT Rec	Island	Section	COE19 -BGG-	COE1ch -GBBG-	COE18 HERG	AMOY
		Little Calf	E	2	0	4	
				2	0	4	
				1	0	0	
				1	0	0	
		Calf	E	9	0	0	
				2	0	0	
				3, 1, 3, 6 13, 2	0	0	
		Middle Brew	N	3, 1, 4	0	0	
		Outer Brew	E	1, 1	0	0	
				2	04	0	
				10	04	0	
				6	0		
				2, 5, 1, 2			
				3	6		
				1, 1			
		Midd Brew	S	2	0		
		Shag Rocks		3	2		
				0 2	2		
				2	16		

Notes:

2 4

3 AMOY

GRCD

2008 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

GPS Unit:		ENVIRONMENTAL CONDITIONS	
Date:	7-1-08	Temperature:	70°F + Tide:
Start Time:	0906	% Cloud Cover:	100 High
End Time:	0959	Wind Speed:	mod Mid
Observer:	CLT, BS, HW	Wind Direction:	SE Low
Recorder:	CLT		

ALL	CLT
~~Obs~~	~~Rec~~

Obs **Rec**

Island

Section

DCCO

GBBG

HERG

AMOY

[illegible]

LAGU
Peddocks,
Hull

AMOX=	2 adults, 3 chicks
-------	--------------------

broods	w 2	chicks
broods	w 1	chick
brood	w 3	chicks

HERG - 1 nest.

GBBG 1 nest

PIPL	flew by near	Hangman
------	--------------	---------

Notes:

2008 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

GPS Unit:			
Date: 7.15.08	ENVIRONMENTAL CONDITIONS		
Start Time: 0729	Temperature: 68°F	Tide:	
End Time: 0842	% Cloud Cover: 10%	High	
Observer: CLT, MA, PS, RK, RS	Wind Speed: calm	Mid	
Recorder: CLT	Wind Direction:	Low	

ALL Obs	CLT Rec	Island	Section	COE1 ♀ DCCO	COE1 Ch GBBG	COE1 ♂ HERG	AMOY
		Calf	W	12	0		
		L Calf	W	1			
				3	5		
				1	4	near adult size	
		Green		11, 1, 3, 4	0	1, 10, 2, 13	
				3, 7	0		
				1	3		
		L Calf	E	2	5		
				2	0		
				7	30	1	
				1	2		
				1	3		
				3	0	1	
				2	5		
		Calf	E	3	0		
		Midd Brew	N	Ø	Ø		
		Outer		7, 5, 2, 3	0		
				2, 2, 2, 2	0		
		Midd Brew	S	Ø	Ø		

SPSA
fledged
juv. BCWT
DCCO chicks
near adult
size.

WILL
1 AMOY
SPSA
1 AMOY

Notes:

2008 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

GPS Unit:		Boat-based Survey Data Form	
Date:	7.15.08	ENVIRONMENTAL CONDITIONS	
Start Time:		Temperature:	Tide:
End Time:		% Cloud Cover:	High
Observer:		Wind Speed:	Mid
Recorder:		Wind Direction:	Low

Outer
Island

Pg 2

[illegible]

Notes:

2007 BOHA Waterbird Monitoring Program

Boat-based Survey Data Form

Date: 7.15.08	ENVIRONMENTAL CONDITIONS	
Start Time: 0859	Temperature:	Tide:
End Time: 0936	% Cloud Cover:	High
Observer: CLT, RK, RS, MA, PS	Wind Speed:	Mid
Recorder: CLT	Wind Direction:	Low

Obs	Rec	Island	Section	DCCO	GBBG	HERG	AMOY
		Snake	WILL	=53			
			AMOY	4+5	+2	adults	
				2	adults	w/1 chick	
				2	add. chicks	near adult size	
	2	COTE, 1 L E T E		foraging	/no nests		
		GREG - 1					
		SNEG - 1					
		BCNH - 2					
		GBHE - 2					
		KILL - 1					
		SPPL - 1					
		Dowichers	-90				
		BBPL - 5					
		LEYE - 1					
		SESA - 130					
		LESA - 8					
		SAND - 4					

Notes:

PEFA diving on shorebirds.
COTE diving on PEFA!

7

Loveells 2 AMOY on beach - no chicks, SPSA

Gallops adult COE1

2 AMOY - no chicks

2 AMOY - no chicks

Rainsford 2 adult AMOY w 3 chicks
(near landing beach, SW)

2 adult AMOY on seawall - no chicks

flushed 11 SPSA - no nests found

end 1048