

George Balazs / Glynnis NAKAI Correspondence

13 September 1990

Dear George,

Aloha nui loa! How are you and the family? I hope all is well with you! I'm back on East Island and waiting anxiously for some females to show up. Both the 11th & 12th Sept. produced no females up to nest!! Although it makes for a very slow night, it's good to see!

I'll take down camp on the 16th, so these are my last few nights. The camp has to be closed before the 20th when we lose 2 boat drivers; it'll be interesting to see what happens these next few nights!

I relayed information to both Ken Niethammer and Ken McDermond regarding the incubating eggs. I believe Craig called you to let you know that it would not be possible to transport the eggs on the 20th flight because the plane will be full on its return to Honolulu (4 people plus equipment); therefore, the best time for the eggs to be taken to Honolulu is with K. McDermond on the 15th. I will tell Ken to call you upon his arrival that night. If anything, the eggs will be stored at the FWS Kapahulu apartment until you can retrieve them.

The styrofoam containers are marked: "1, 2 and 3" as well as "Front"; this relates to the diagram of the position of the eggs as well as the identification of the females from which they were collected. Enclosed is a diagram of each styrofoam cooler with this information. If you have any concerns or questions, please radio call; I will be on Tern after 16 September!

I certainly hope the eggs are still good and have developed sufficiently so that the mtDNA studies can be performed!

The eggs were not transported to Tern Island (from East 1.) until 1 September (containers #1 and 2) and 3 September (container #3). Once on Tern I. they were placed in one of the rooms and "misted" with fresh water about every 2-3 days.

I am very interested to hear how the eggs fared and what kind

of results were obtained!

Once I'm on Tern Island for good, I will be compiling the turtle data and putting it on a disc and will hand carry it to you upon my return to Honolulu. Could I make arrangements to see you? I will call you on the 26 October to set a day and time!

I tried to set up the database to correspond with yours at NMFS. I believe I sent a printout of the data in the middle of the summer. Do you see any discrepancies in the fields or codes? If so, please let me know so I can make the necessary changes before bringing the data to you.

It has been a wonderful, successful turtle nesting season and I look forward to talking with you, in person, when I return to Honolulu!

Thank you, George, for the specially made buttons and all the articles you've supplied throughout the summer to keep us abreast of current turtle tracks! Take care!

Mahalo,
Glynnis

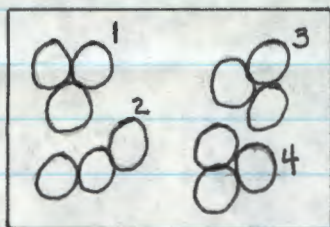
NAKAI

cc: Ken McDermond
Ken Niethammer

INCUBATING GREEN TURTLE EGGS FOR UNIV. OF GEORGIA

STYROFOAM CONTAINER # 1 :

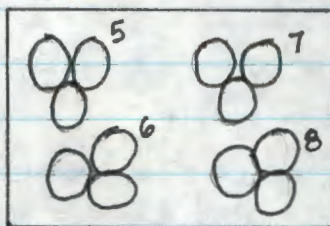
♀ GREEN TURTLE I.D.:



Front

	<u>Date/time collected</u>	<u>♀ Temporary ID (MOTO TOOL #)</u>	<u>TAGS</u>
♀ 1.	8-16-90 2335 hr.	C-149	W842L, W843R
2.	8-17-90 0245 hr.	C-148	W840L, W841R
3.	8-17-90 2345 hr.	C-114	W775R, W776L
4.	8-18-90 0030 hr	C-134	W805L, W806R

STYROFOAM CONTAINER # 2 :

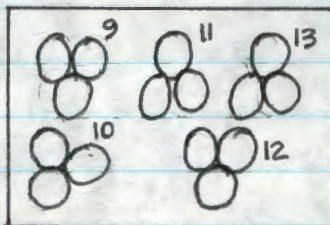


Front

5.	8-19-90 0312 hr.	20-C *	W951L, W952R W844R34
6.	8-19-90 2330 hr.	C-98	W748L, W749R
7.	8-20-90 0130 hr.	C-88	5322R, 5394L
8.	8-20-90 0200 hr.	C-91	W733L, W734R

* 20-C initially identified on Tern Island. Nested twice on East Island.

STYROFOAM CONTAINER # 3 :



Front

9.	8-20-90 0515 hr.	C-150	W845L, W846R
10.	8-21-90 0013 hr.	C-58	W694R, W695 L12
11.	8-21-90 0215 hr.	C-143	7585R, 7586R34 7587L, 7588 L12
12.	8-23-90 2345 hr.	C-112	9779L, 9780R
13.	8-24-90 0230 hr.	C-133	W803L, W804R

30 March 1991

Dear George,

Aloha from Massachusetts! How are you? I hope you and your family are well! I thought of you when I saw the previews of the new Teenage Mutant Ninja Turtles movie!

My sincerest apologies for the long delay in responding to your letter from January! I've gotten into the swing of things, and unfortunately the swing hasn't stopped. I did have a chance to find my turf files so I can answer your questions.

In regards to the totals on the 'Daily Totals' sheet; the reason why the total for new IDs is not equal to the total number of turtles identified is because the former total includes turtles that were previously mototooled and perhaps tagged only on one side, so the next time she was up and another tag was applied, she was recorded as a "new ID". In other words, females are duplicated on the Daily Total Form if tags were applied a different night. I realized this duplication half-way through the season and kept the data entry as it was, mainly for consistency. I do have the real totals in my notes if you would like a copy. It shows the exact number of new females identified ^(by tags) each night, either by mototooled date or the date tag(s) were read or applied. Please let me know if you'd like this data. I have rectified this dilemma by changing the wording in the instructions for completing the forms.

One concern I have is that you mentioned coming up with a total of 123 females identified for East Island. In my summary notes I came up with a total of 142 females, for East I. only. I'm not sure why we're coming up with different totals, for we have the same data.

ave

Does that make sense?

Hmm... spent some time looking at the data and the distribution of females still comes to 142. I am enclosing the daily totals that I figured out without duplicating females; that way you can see what I have, for each day. If you have any questions, please contact me. I'd like to figure out where we differ in the data.

I heard through the turtle-line that there'll be a 3rd turt saturation season... you don't know how much I'll miss it, and wish I could be a part of it. At least Bob Cummins is returning to hopefully keep as much consistency in the data collection between years, etc. with more thorough exams for tumors. I wish you all the best of luck for a full, successful season!

I have had time and money, a little of each, to get started on my collection of turtle stamps!! I wrote to Eldholm for his list and have ordered some stamps - it's great to see them and check them off your list! I'll never tire of turtles and wish, still, that it were my thesis topic - instead I'll be working with the feathered fauna... shorebirds.

Take care, George, and my best to your family. If you have questions, I can be reached at:

(413) 545-1770 school office

(413) 645-1289 home.

Alona,

Glynnis
NAKAI

DAILY TOTALS 1990

<u>DATE</u>	<u># TURTS MOTOTOOLED</u>	<u>#TURTS: TAGS FIRST READ/APPLIED</u>
May 6	1	0
7	1	1
8	0	0
9	2	1
10	2	2
11	0	0
12	no data collected on East Island	
13	0	0
14	2	2
15	1	1
16	0	0
17	3	1
18	0	0
19	3	3
20	4	2
21	2	4
22	1	1
23	5	3
24	2	1
25	2	4
26	2	4
27	5	3
28	3	1
29	2	1
30	6	6
31	4	6
June 1	3	4
2	2	1
3	6	6
4	4	2
5	7	1
6	3	3
7	4	7
8	3	4
9	8	7
10	1	2
11	2	2
12	2	2
13	3	2
14	5	2
15	3	4
16	2	4
17	0	0
18	2	1
19	0	0
20	0	0
21	1	0
22	1	1
23	3	2
24	1	2
25	3	2
26	0	1
27	2	2
28	1	1
29	1	2
30	0	0

DATE

TURNS MICROFILMED

TURNS PAGES FIRST READ/APPLIED

July 1	2	1
2	3	3
3	2	3
4	1	1
5	1	1
6	0	0
7	0	0
8	1	0
9	0	0
10	1	1
11	0	2
12	1	1
13	1	2
14	1	2
15	0	0
16	0	0
17	0	0
18	1	1
19	1	1
20	1	1
21	0	0
22	0	0
23	0	0
24	0	0
25	1	0
26	0	1
27	0	0
28	0	0
29	0	1
30	1	0
31	0	0
August 1	0	0
2	0	0
3	1	1
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	1
14	1	0
15	0	0
16	2	2
17	0	0
18	0	0
19	1	1
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	0	0

<u>DATE</u>	<u># TURTS MOTOTOOLED</u>	<u>#TURTS: TAGS FIRST READ/APPLIED</u>
August 27	0	0
28	0	0
29	0	0
30	0	0
31	0	0
September 1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	1	1
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
TOTALS: 131 days	151 Mototooled*	142 Turtles identified by tags read or applied

NOTES: "# Turts Mototooled": The date that each turtle was engraved is the date the individual turtle was first sighted for the season.

*Total is 151, but there were 9 females that were engraved but no tags were read/applied; therefore no permanent id.

Exceptions: Turtle 145 was first sighted on 7/29;
Turtle 147 was first sighted on 8/13
Both turts had distinguishing physical features that initially identified them before actually engraving their carapace.

"#Turts: tags first read/applied": not necessarily the first night a turtle was sighted or identified for the season (e.g. turtle may have been engraved one night but the tags were read/applied on a different night).

30 March 1991 gln