

2 of 2

Summary of Australia Data  
June 15, 1998 - June 19, 1998

*Chelonia mydas*

<u>Date</u>	<u>Tag No.'s</u>	<u>CCL (cm)</u>	<u>Weight (kg)</u>			
6-15-98	K7106 K10050	94.1	98.5			
6-15-98	K10049	101.0	113.5			
6-15-98	K7324	45.1	10.4			
6-15-98	K10048	84.5	66.0			
6-15-98	T51094	85.8	79.5			
6-15-98	T67456	71.4	44.5			
6-15-98	T75752	57.0	22.0			
6-15-98	T79953	61.5	29.0			
6-15-98	T57231	88.7	77.5			
6-15-98	K10029	107.2	157.5			
6-15-98	K10030	101.7	117.5			
6-15-98	T54780	64.5	32.5			
6-15-98	N926 T67494 N927	83.0	69.0			
6-15-98	T64367	61.0	29.5			
6-15-98	K17065	107.0	157.0			
6-15-98	T80269	64.2	32.5			
6-15-98	K17066	52.5	18.0			
6-16-98	T77483	67.7	34.0			
6-16-98	T81731	81.5	68.5			
6-16-98	K10026	110.3	175.5			
6-16-98	T64366	77.0	52.5			

**Summary of Australia Data (cont.)**  
June 15, 1998 - June 19, 1998

*Chelonia mydas*

<u>Date</u>	<u>Tag No.'s</u>	<u>CCL (cm)</u>	<u>Weight (kg)</u>			
6-16-98	T53662	85.6	68.0			
6-16-98	K8674	99.0	131.5			
6-16-98	K8577	89.4	84.5			
6-16-98	K7519	96.2	95.0			
6-16-98	K7499	48.0	12.3			
6-16-98	T50984	61.3	30.5			
6-16-98	K7173	88.3	76.5			
6-16-98	T83994	93.7	89.5			
6-16-98	T93098	87.5	80.0			
6-16-98	T93022	107.9	151.0			
6-16-98	T94737	85.9	84.5			
6-16-98	T93002	80.9	61.0			
6-16-98	T78643	60.5	26.0			
6-16-98	T91893	96.7	109.5			
6-16-98	T85191	93.1	100.5			
6-16-98	T56422 T96949	71.0	43.0			
6-16-98	T75680 K6037	104.1	144.5			
6-16-98	K7107	56.4	21.0			
6-16-98	K9817	45.8	11.0			
6-16-98	K9816	55.2	19.5			
6-16-98	K9815	50.4	14.6			

Summary of Australia Data (cont.)  
June 15, 1998 - June 19, 1998

*Chelonia mydas*

<u>Date</u>	<u>Tag No.'s</u>	<u>CCL (cm)</u>	<u>Weight (kg)</u>			
6-16-98	K8674	99.0	131.5			
6-16-98	T92023	62.9	28.0			
6-16-98	T79231	61.5	26.0			
6-16-98	K9814	92.0	---			
6-16-98	K9813	87.5	78.0			
6-16-98	K2869	67.1	34.5			
6-16-98	T71200	63.8	31.5			
6-16-98	T53768	83.5	57.5			
6-16-98	T91893	96.7	109.5			
6-16-98	K7173	88.3	76.5			
6-16-98	T83994	93.7	89.5			
6-16-98	T85191	93.1	100.5			
6-17-98	T28710 T93100	60.8	26.0			
6-18-98	K8611	49.0	13.0			
6-18-98	K5947	94.2	96.0			
6-18-98	T66234 T79165	61.6	26.0			
6-18-98	T51149	64.3	32.5			
6-18-98	K5967	108.5	126.0			
6-18-98	T54442	94.4	93.5			
6-18-98	T61629 T61630	112.5	146.0			
6-18-98	K7403	75.6	45.0			

## Summary of Australia Data (cont.)

June 15, 1998 - June 19, 1998

*Chelonia mydas*

<u>Date</u>	<u>Tag No.'s</u>	<u>CCL (cm)</u>	<u>Weight (kg)</u>			
6-18-98	K10032	105.2	145.0			
6-18-98	K15146	104.5	136.5			
6-18-98	T67484 K17037	62.1	28.0			
6-18-98	T77872	67.1	35.5			
6-18-98	K7430	58.1	23.0			
6-18-98	K15144	51.4	15.5			
6-18-98	K17096	50.6	15.0			
6-18-98	T57272	66.4	32.5			
6-18-98	K17098	49.4	15.0			
6-18-98	T82750 T82722 T82719	107.5	163.5			
6-18-98	K17097	100.9	133.0			
6-18-98	K15143	84.3	75.0			
6-18-98	K15142	58.7	22.0			
6-18-98	K7281	71.1	44.5			
6-18-98	T93083	82.4	60.5			
6-18-98	T93082	101.2	137.5			
6-18-98	K15141	103.6	146.5			
6-18-98	K5963	68.7	40.5			
6-18-98	K5964	86.3	90.0			
6-18-98	T78636	57.3	23.5			
6-18-98	K5966	87.6	79.5			

**Summary of Australia Data (cont.)**  
June 15, 1998 - June 19, 1998

*Chelonia mydas*

<u>Date</u>	<u>Tag No.'s</u>	<u>CCL (cm)</u>	<u>Weight (kg)</u>			
6-18-98	K7104	57.4	25.5			
6-18-98	T51134 K7195	87.9	83.5			
6-18-98	K79114	63.4	30.0			
6-18-98	T82051	104.4	148.5			
6-18-98	K7255	82.0	63.5			
6-18-98	T82834 T82892	117.5	184.0			
6-19-98	T44522	101.8	139.5			
6-19-98	T67510	84.1	---			
6-19-98	K15127	104.8	133.0			
6-19-98	K15128	98.9	---			
6-19-98	K15140	91.9	88.0			
6-19-98	T93089	---	---			
6-19-98	T93084	80.0	---			
6-19-98	T64362	82.5	57.0			
6-19-98	T71537	84.9	75.0			
6-19-98	T93085	81.4	---			
6-19-98	T93086	85.1	---			

**Summary of Australia Data (cont.)**

June 15, 1998 - June 19, 1998

*Caretta caretta*

<u>Date</u>	<u>Tag No.'s</u>	<u>CCL (cm)</u>	<u>Weight (kg)</u>			
6-15-98	K8698	77.5	54.5			
6-15-98	T54433	86.0	67.5			
6-15-98	K10047	82.0	60.0			
6-15-98	T79393 T94667	78.3	54.0			
6-15-98	K10045	86.2	70.0			
6-15-98	T94862	82.7	60.0			
6-15-98	T41344 K10044	74.0	50.0			
6-15-98	T51174	67.5	54.5			
6-15-98	K10027	98.3	97.5			
6-15-98	T75757	81.6	57.5			
6-15-98	K10028	99.3	97.5			
6-15-98	K5245	75.0	49.0			
6-15-98	T79982	79.3	54.0			
6-15-98	T53650	92.6	89.0			
6-15-98	T57182	87.1	67.5			
6-15-98	T54801	88.0	77.0			
6-15-98	T71533	81.1	57.5			
6-15-98	T53745	83.0	64.5			
6-15-98	K17070	85.9	73.0			
6-15-98	T92685	86.6	66.5			
6-15-98	T92579	83.5	66.5			

## Summary of Australia Data (cont.)

June 15, 1998 - June 19, 1998

*Caretta caretta*

<u>Date</u>	<u>Tag No.'s</u>	<u>CCL (cm)</u>	<u>Weight (kg)</u>			
6-15-98	K17069	78.3	49.5			
6-15-98	K17067	85.1	67.0			
6-16-98	N990 N991	83.3	78.0			
6-16-98	K10031	86.5	67.0			
6-16-98	T63765 T94733	78.5	52.5			
6-16-98	K7576	91.6	80.0			
6-16-98	X28457 T63651 T15809	96.2	98.0			
6-16-98	T50969	84.0	75.0			
6-16-98	T91896	82.3	62.0			
6-16-98	T93045	94.8	100.5			
6-16-98	T91895	98.8	116.0			
6-16-98	K17068	76.8	69.0			
6-16-98	K7154	78.3	67.0			
6-16-98	K7467	77.6	70.5			
6-16-98	T53768	83.5	57.5			
6-16-98	T92320	78.0	50.5			
6-16-98	T71538 K6038	100.5	114.0			
6-16-98	K6798	84.0	64.0			
6-18-98	T64364	92.5	84.5			

**Summary of Australia Data (cont.)**  
June 15, 1998 - June 19, 1998

*Caretta caretta*

<u>Date</u>	<u>Tag No.'s</u>	<u>CCL (cm)</u>	<u>Weight (kg)</u>			
6-18-98	T29282 T57965 T41309	95.4	95.0			
6-18-98	T28986 T53347	101.6	112.5			
6-18-98	K5968	75.8	50.0			
6-18-98	T56449	83.2	59.0			
6-18-98	K15147	83.8	59.0			
6-18-98	K15145	85.1	59.5			
6-18-98	K9824	72.5	45.0			
6-18-98	K15114	81.7	63.0			
6-18-98	K15126	86.5	58.5			
6-18-98	T53800	84.8	85.5			
6-19-98	T94718	81.4	61.0			
6-19-98	T79333	87.1	70.0			



#  
 FEDEX 804783086877 8/24/98

Sample list of biopsies collected at Moreton Bay, Australia

Vials (CM = 56, CC = 17) +  
 June 1998

Marine Turtle Research Program  
 National Marine Fisheries Service  
 Southwest Fisheries Science Center  
 Honolulu Laboratory  
 2570 Dole Street  
 Honolulu, HI 96822-2396

(808) 983-5733

1 vial CM Tumor - 1.0293  
 1 vial CM NOEMAL - 0.1647

From 8-11-98  
 HONOKOWAI, MAUI  
 ID 4077510560

Vial ID Tag ID Sex Weight (Kg) Species CCL (cm) UF Skin UF Tumor

ug/ul  
 0.1670  
 0.2721  
 0.2422  
 0.3714  
 0.4030  
 0.3497  
 0.3280  
 0.2900  
 0.2383  
 0.4213  
 0.0949  
 0.2079  
 0.2466  
 0.2973  
 1.4986  
 0.2221

Vial ID	Tag ID	Sex	Weight (Kg)	Species	CCL (cm)	UF Skin	UF Tumor
2	T75752	F	22.0	CM	57.2	X	
3	T54780	M	32.5	CM	64.5	X	
4	K10030	F	117.5	CM	102.1	X	
5	T64367	F	29.5	CM	61.3	X	
6	K10029	F	157.5	CM	107.4	X	
9	K10048	F	66.0	CM	84.5	X	
9C	K10048	F	66.0	CM	84.5	X	
10	K10050	F	98.5	CM	94.2	X	
11	T80269	F	32.5	CM	64.2	X	
18A	T57231	F	77.5	CM	88.7	X	
18B	T57231	F	77.5	CM	88.7	X	
19	K5245	F	49.0	CM	75.1	X	
20	T67494	F	69.0	CM	83.0	X	
25B	K7324	M	10.4	CM	45.2		X
25D	K7324	M	10.4	CM	45.2		X
25E	K7324	M	10.4	CM	45.2	X	

UF = Ultrafreezer  
 CM = *Chelonia mydas*  
 CC = *Caretta caretta*

\* Unknown (not labeled) as to which vial contains UF skin and UF tumor

Sample list of biopsies collected at Moreton Bay, Australia  
(CM = 56, CC = 17)  
June 1998

2

Vial ID	Tag ID	Sex	Weight (Kg)	Species	CCL (cm)	UF Skin	UF Tumor	
0.1790	26S	T92023	M	28.0	CM	63.1	X	
0.3648	26T	T92023	M	28.0	CM	63.1		X
0.2823*	27* <sup>1</sup>	T93002	F	61.0	CM	80.9	?	?
0.4896*	27* <sup>2</sup>	T93002	F	61.0	CM	80.9	?	?
0.2320	28S	T53662	M	68.0	CM	85.6	X	
1.5378	28T	T53662	M	68.0	CM	85.6		X
0.2529*	30A* <sup>1</sup>	T81731	M	68.5	CM	81.5	?	?
0.7365*	30B* <sup>2</sup>	T81731	M	68.5	CM	81.5	?	?
1.9155*	30C* <sup>3</sup>	T81731	M	68.5	CM	81.5	?	?
0.5097	30L	T81731	M	68.5	CM	81.5	Leech eggs	
0.3152	31S	T85191	M	100.5	CM	93.1	X	
0.6529	31T	T85191	M	100.5	CM	93.1		X
0.9411*	36* <sup>1</sup>	T28710	F	26.0	CM	61.0	?	?
0.0447*	36* <sup>2</sup>	T28710	F	26.0	CM	61.0	?	?
0.4006	37	T67484	M	28.0	CM	62.1	X	
0.1344	38	T51149	F	32.5	CM	64.3	X	
0.3239	39S	T79114	F	30.0	CM	63.4	X	
3.1139	39T	T79114	F	30.0	CM	63.4		X
0.1706*	40* <sup>1</sup>	K7104	M	25.5	CM	57.4	?	?
0.0745*	40* <sup>2</sup>	K7104	M	25.5	CM	57.4	?	?

UF = Ultrafreezer  
CM = *Chelonia mydas*  
CC = *Caretta caretta*

\* Unknown (not labeled) as to which vial contains UF skin and UF tumor

Sample list of biopsies collected at Moreton Bay, Australia  
(CM = 56, CC = 17)  
June 1998

3

ng/ul	Vial ID	Tag ID	Sex	Weight (Kg)	Species	CCL (cm)	UF Skin	UF Tumor
0.3330	42S	K15142	F	22.0	CM	58.7	X	
0.2250	42	K15142	F	22.0	CM	58.7		X (?)
0.2035	43S	K7403	M	45.0	CM	75.7	X	
0.3003	43T	K7403	M	45.0	CM	75.7		X
1.2929	43OFP	K7403	M	45.0	CM	75.7		X
0.4880	44S	K7281	M	44.5	CM	71.1	X	
0.0796	44	K7281	M	44.5	CM	71.1		X (?)
0.3506	44T <sub>1</sub>	K7281	M	44.5	CM	71.1		X
0.9796	44T <sub>2</sub>	K7281	M	44.5	CM	71.1		X
0.2203	45	K5963	M	40.5	CM	68.8	X	
0.5119	48S	K5964	F	90.0	CM	86.7	X	
3.0982	48T	K5964	F	90.0	CM	86.7		X
0.3747	49S	T93083	F	60.5	CM	82.4	X	
3.1570	49T	T93083	F	60.5	CM	82.4		X
0.2623	50S	K5967	F	126.0	CM	108.5	X	
1.1228	50T	K5967	F	126.0	CM	108.5		X
1.3839*	53* <sup>1</sup>	T71537	F	75.0	CM	84.9	?	?
0.268*	53* <sup>2</sup>	T71537	F	75.0	CM	84.9	?	?
3.1680*	53* <sup>3</sup>	T71537	F	75.0	CM	84.9	?	?
1.1567	53 Leech eggs	T71537	F	75.0	CM	84.9	Leech eggs	

UF = Ultrafreezer  
CM = *Chelonia mydas*  
CC = *Caretta caretta*

\* Unknown (not labeled) as to which vial contains UF skin and UF tumor

Sample list of biopsies collected at Moreton Bay, Australia  
(CM = 56, CC = 17)  
June 1998

4

Vial ID Tag ID Sex Weight (Kg) Species CCL (cm) UF Skin UF Tumor

Vial ID	Tag ID	Sex	Weight (Kg)	Species	CCL (cm)	UF Skin	UF Tumor
0.3818	1	F	29.0	CC	61.6	X	
0.2476	12	M	49.5	CC	78.4	X	
0.4619	13A	M	97.5	CC	99.3		X
0.2967	13B	M	97.5	CC	99.3	X	
0.1265	14	F	60.0	CC	82.0	X	
0.2003	15	F	67.0	CC	85.3	X	
0.4929	15B	F	67.0	CC	85.3		X
0.2313	16	M	18.0	CC	52.7	X	
0.3563	21	F	73.0	CC	86.3	X	
0.3261	22	F	67.5	CC	87.3	X	
0.3296	23	M	54.5	CC	78.0	X	
0.2400	24	M	57.5	CC	81.1	X	
0.2901	33	F	67.0	CC	86.5	X	
0.2187	34	F	62.0	CC	82.3	X	
0.1971	47 <sub>1</sub>	F	63.0	CC	82.0	X	
0.9337	47 <sub>2</sub>	F	63.0	CC	82.0	X	
0.1154	51	F	59.0	CC	83.8	X	

UF = Ultrafreezer  
CM = *Chelonia mydas*  
CC = *Caretta caretta*

George -  
samples returned  
and in two small  
boxes front - middle  
of ultrafreezer.

\* Unknown (not labeled) as to which  
vial contains UF skin and UF tumor

#  
FEDGX 804783086877 8/24/98

Sample list of biopsies collected at Moreton Bay, Australia

Vials (CM = 56, CC = 17)

June 1998

Marine Turtle Research Program  
National Marine Fisheries Service  
Southwest Fisheries Science Center  
Honolulu Laboratory  
2570 Dole Street  
Honolulu, HI 96822-2396

(808) 983-5733

1 vial CM Tumor  
1 vial CM NO ANTE  
FROM 8-11-98  
HONOKOWAI, MAUI  
ID 4877510260

W. J. [unclear]  
[unclear] [unclear] [unclear]

Vial ID	Tag ID	Sex	Weight (Kg)	Species CM	CCL (cm)	UF Skin	UF Tumor	
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2	T75752	F	22.0	CM	57.2	X		—
3	T54780	M	32.5	CM	64.5	X		—
4	K10030	F	117.5	CM	102.1	X		—
5	T64367	F	29.5	CM	61.3	X		—
6	K10029	F	157.5	CM	107.4	X		—
9	K10048	F	66.0	CM	84.5	X		—
9C	K10048	F	66.0	CM	84.5	X		—
10	K10050	F	98.5	CM	94.2	X		++
11	T80269	F	32.5	CM	64.2	X		—
18A	T57231	F	77.5	CM	88.7	X		+
18B	T57231	F	77.5	CM	88.7	X		—
19	K5245	F	49.0	CM	75.1	X		+
20	T67494	F	69.0	CM	83.0	X		+(Weak)
25B	K7324	M	10.4	CM	45.2		X	+++
25D	K7324	M	10.4	CM	45.2		X	+++
25E	K7324	M	10.4	CM	45.2	X		+

UF = Ultrafreezer

CM = *Chelonia mydas* = 30 individuals Australia

CC = *Caretta caretta* = 13 individuals Australia

\* Unknown (not labeled) as to which vial contains UF skin and UF tumor

*Chelonia mydas* Maui = 1 individual

*Conference call  
10/8/98  
Jim Casey*

**CORNELL**  
UNIVERSITY

College of Veterinary Medicine

Department of Microbiology and Immunology  
Ithaca, New York 14853-6401

# FAX TRANSMITTAL SHEET

There are  5  page(s) including this page.

TO:  George Balazu   
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

FROM:  Jim Casey   
\_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_

FAX No.: (607) 253-3384

MESSAGE:

# Annual Green Turtle Nesting at Heron Island, Great Barrier Reef, Australia.

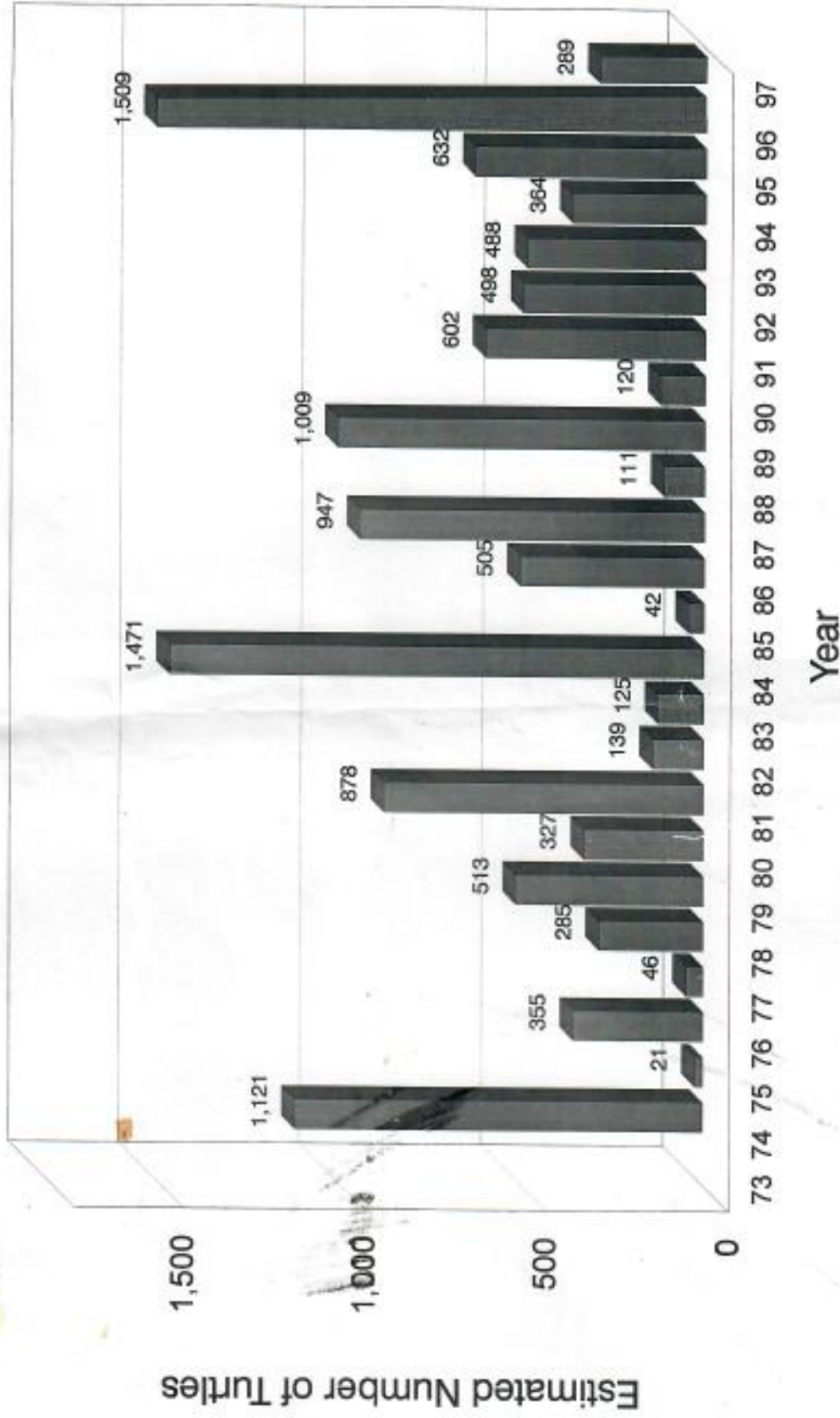


Figure 1. Historical trend for 24 nesting seasons, 1974-97.

Diagnostic Laboratories  
College of Veterinary Medicine  
and Biomedical Sciences  
Fort Collins, Colorado 80523-1644  
(970) 491-1261  
FAX: (970) 491-0320

November 24, 1998

Dr. George Balazs  
Natl Marine Fishery Service, NOAA  
SW Fisheries Science Center  
2570 Dole Street  
Honolulu, HI 96822-2396

Dear George:

Please find enclosed the histopathology results and a roughed-out paper for the Australian tumors. The format for the histopathology and the paper are similar to the Costa Rica paper and the Green Turtle paper. The bottom line is that we looked at 101 different tissue samples from approximately 53 turtles. There were 45 tumors and the histological lesions of these tumors were similar to the ones from Hawaii, except that I did not see any evidence of internuclear inclusions. You can refer to the paper and read the details of the different lesions associated with the tumors from the chart for each animal, but they are relatively similar to what we have seen before with the other turtles.

Sincerely,



Terry R. Spraker, DVM/PhD

:ml

Enclosure

xc: Alonso Aguirre/Tufts University/School of Vet Medicine/Wildlife Clinic/  
200 Westboro/North Grafton, MA 01536



# HISTOPATHOLOGY OF INTEGUMENTAL TUMORS FROM TURTLES FROM AUSTRALIAN WATERS

## INTRODUCTION

The gross appearance and histopathology of cutaneous fibropapillomas have been described from marine turtles (Green sea turtles) from the Atlantic ocean off the coast of Florida (Elliott and Herbst REF), from Green sea turtles from Hawaii (AA et al) and from Olivey Ridley turtles from Costa Rica (AA/GB). This paper will describe the gross appearance and histopathology of skin masses from sea turtles that were captured from the Australian coast of \_\_\_\_\_.

## MATERIALS AND METHODS

Turtles were captured in the water, placed in a skiff, sampled and returned to the water. Normal appearing integument and skin masses were biopsies or surgically removed from (number/ages) sea turtles. Technique--Tumors were washed, surgically excised --- (AA/GB). All tissues were immersed in 10% neutral phosphated-buffered formalin. A total of 101 tissue samples were examined from 53?? turtles. Selected tissues were trimmed and embedded in paraffin, sectioned at 5-6 um and stained with hematoxylin and eosin (H&E). Selected tissues were also stained with Masson's Trichrome stain.

## RESULTS

### Gross Pathology

A total of 53?? turtles were examined from which 101 skin biopsies were surgically removed. All of these turtles were strong and appeared to be health except for the presence of tumors in (number) animals. The tumors in these turtles were small, white to gray, smooth to verruciform, raised masses on the integument of the eyelids, mouth, jaw, neck and flippers. Tumors were 10 to 25 mm in diameter and 5 to 20 mm above the skin????? Glottal tumors were not found in these 53 ? turtles. (Were glottal tumors looked for??)

### Histopathology

A total of 101 different skin samples were examined histologically. Numerous histological features of the epidermis (Table 1), dermis (Table 2) and subcutaneous tissues (Table 3) OR (JUST TABLE 2) were evaluated in these biopsies. Of these 101 samples 49 were of normal skin, 4 were focal areas of chronic active dermatitis, 3 were old scars and 45 were considered to be tumors.

### BIOPSIES OF NON-TUMORED SKIN

The epithelium of the epidermis covering the non-tumored skin was 5 to 10 cells in thickness. Acanthosis characterized by

hypertrophy and hyperplasia of the epithelium of the stratum spinosum from 10 to 20 cells in thickness was found in 29 of 56 skin biopsies. Mild to moderate orthokeratotic hyperkeratosis characterized by hyperplasia of the stratum corneum was found in 17 of 56 skin biopsies. Mild pseudoepitheliomatous hyperplasia characterized by elongation of rete ridges which interdigitates with the underlying connective tissue of the dermis was observed in 4 biopsies. Mild intercellular and intracellular edema was found within the epidermis in 5 and 3 of the skin biopsies. Cytoplasmic vacuolar degeneration was observed in 5 biopsies. Individual cellular necrosis and degeneration were found in one biopsy. Mild infiltration of lymphoid cells was observed in the stratum basale in 3 biopsies. Mitotic figures were not observed. Small focal areas of necrosis associated with underlying inflammation were found within the epidermis in 2 biopsies. Margination of chromatin and intranuclear inclusion bodies were not found in any of the skin biopsies. Acantholysis was not found within the epidermis. Bacteria were found on the surface of the epidermis in 45 biopsies and fungus in 35. Mites were not found on the surface of the epidermis. Small separations or clefts between the dermis and epidermis were observed in one biopsy.

The dermis and subcutaneous tissues in the non-tumored biopsies were similar. There was a thin layer of small collagen bundles just beneath the epidermis. Under this thin layer of collagen was a thick layer of large bundles of collagen. Vessels

cuffed by a few lymphoid cells were found within this deeper collagen layer of dermis and subcutis in 38 biopsies. Granulomas characterized by parasitic ova surrounded by multinucleated giant cells were found within the dermis and subcutis in 7 biopsies.

#### BIOPSIES OF TUMORS

The epithelium of the epidermis covering the tumors was characterized by acanthosis from 10 to 20 cells in thickness and was found in 33 of 44 tumors (epidermis was not present on one tumor). Mild to moderate orthokeratotic hyperkeratosis was found in 33 biopsies. Mild to moderate pseudoepitheliomatous hyperplasia characterized by elongation of rete ridges which interdigitates into the underlying neoplastic connective tissue of the dermis was observed in 35 biopsies. Mild intercellular and intracellular edema was found within the epidermis of 21 and 19 biopsies respectively. Mild cytoplasmic vacuolar degeneration was observed in 11 biopsies. Mild individual cellular necrosis and degeneration associated with a mild infiltration of lymphoid cells was observed in the stratum basale of 12 biopsies. Mitotic figures were not observed. Small foci of necrosis associated with underlying inflammation were found within the epidermis in 11 biopsies. Margination of chromatin and intranuclear inclusion bodies was not found in any of the tumors. Acantholysis was not found within the epidermis. Bacteria were found on the surface of 40 tumors, fungus 32 and mites 8. Small separations or clefts between the dermis and epidermis were observed in 8 tumors. Infiltrations of lymphoid cells were observed within the stratum

basale of 30 tumors.

The portion of tumor located within the dermis predominated and was characterized by a proliferation of plump spindle shaped cells of fibroblastic or mesenchymal origin. Three patterns of growth were observed: nodular, papillary and linear. The most common patterns were the nodular and papillary. The nodular pattern was characterized by a smooth raised rounded mass. The papillary pattern was characterized by small papillary projections of epidermal and fibroblastic tissue over a fibrovascular stalk or core. The linear pattern was more of a plaque or linear area of dermal proliferation located just beneath the epidermis. This linear pattern was also present around the edges of many papillary tumors. The pattern of dermal proliferation in the smaller tumors was usually the nodular or linear pattern, whereas with the larger tumors, the pattern was more likely to be papillary.

The cellular architecture of the fibroblastic portion of tumors was a relatively haphazard arrangement of whorls, fascicles and interweaving bundles of proliferating spindle shaped fibroblastic cells. In some areas the interweaving bundles were thin and tightly interwoven, whereas in other areas the interweaving fascicles were in wide bands. The degree of dermal cellularity was relatively low in 9 tumors and moderate in 36. Mitotic figures were not observed in any of the tumors. Mild neovasculation was found in 6 tumors. Vessels within 27 tumors were cuffed by a thin layer of lymphoid cells. Foci of necrosis were not found within any of the tumor biopsies.

Pigment due to melanocytic activity was found to some degree in 17 tumors. Masson's trichrome stain verified tumors to be composed of fibroblastic cells producing collagen. Granulomas composed of a few multinucleated giant cells surrounding parasitic ova were observed within 21 tumors. Keratin pearls characterized by small circular foci of keratin surrounded by a thin layer of epidermal cells were found within 4 tumors. The margins of all tumors showed evidence of spread by expansion and not infiltration into surrounding tissues. Tumors showed no evidence of regression.

Changes in the underlying dermis and subcutis were characterized by mild to moderate lymphoid cuffing of vessels in 17 of 21 tumor biopsies. Granulomas containing parasite ova were observed within the underlying dermis and subcutaneous tissues in 4 of 21 tumor biopsies. Fibroblastic hyperplasia was not a feature of the underlying connective tissue surrounding tumors (Table 2 or 3).

#### Discussion

Histological features of 101 biopsies of the integument from 53 sea turtles from Australian waters were examined. The basic histological features of these skin tumors were cutaneous fibropapillomas. These fibropapillomas from this species of sea turtle were basically similar to what has previously been described for cutaneous fibropapillomas in sea turtles off the Florida coast (H/EJ), Hawaiian Islands (AA/GB) and Costa Rica (AA/GB). A few minor differences were found. One difference was

that intranuclear inclusion bodies were not observed in this set of 45 tumors from Australian turtles. Also in these 45 tumors there were no evidence of regression in any of the biopsies. One difference noticed in biopsies of non-tumored skin was a high prevalence of acanthosis and orthokeratotic hyperkeratosis. This may have been due to the high prevalence of bacterial and fungal organism living on the surface of non-tumored skin.

This histopathological study of integumental biopsies of skin and cutaneous masses of Australian sea turtles suggest that these turtles do have cutaneous fibropapillomas similar to Green sea turtles from Hawaii.

Table 1. Summary of normal and histopathological features of epidermis of 56 non-tumored skin biopsies and 44 integumental tumors of sea turtles from Australian waters.

	Non-tumored Skin	Tumored Skin
Pattern of tumor		
Nodular/smooth	NA	23 (52%)
Papillary	NA	18 (41%)
Linear	NA	4 (9%)
Epidermis		
Acanthosis	29 (52%)	37 (84%)
Orthokeratotic hyperkeratosis	17 (30%)	33 (75%)
Pseudoepitheliomatous hyperplasia	4 (7%)	34 (77%)
Intercellular edema	5 (9%)	21 (48%)
Intracellular edema	3 (5%)	19 (43%)
Cytoplasmic vacuolar degeneration	5 (9%)	11 (25%)
Individual cell necrosis	1 (2%)	12 (27%)
Mitotic figures	0 (0%)	0 (0%)
Necrosis (full depth) with underlying inflammation	2 (4%)	11 (25%)
Margination of chromatin with intranuclear inclusions	0 (0%)	0 (0%)
Acantholysis	0 (0%)	0 (0%)
Lymphocytic infiltration, st. basale	3 (5%)	30 (68%)
Bacteria, surface of epidermis	45 (80%)	40 (91%)
Fungus & algae, surface of epidermis	35 (63%)	23 (52%)
Mites, surface of epidermis	0 (0%)	8 (18%)
Trematodes, surface of epidermis	0 (0%)	0 (0%)
Clefts between epidermis and dermis	1 (2%)	8 (18%)



Table 2. Summary of normal and histopathological features of the dermis of 56 biopsies from non-tumored skin and 45 integumental tumors from sea turtles from Australian waters.

	Non-tumored Skin	Tumored Skin
Fibroblastic proliferation patterns		
Haphazard	NA	45 (100%)
Sheets	NA	0 (0%)
Interweaving bundles	NA	0 (0%)
Cellularity of tumor		
Low	NA	9 (20%)
Moderate	NA	36 (80%)
High	NA	0 (0%)
Mitotic figures	0 (0%)	0 (0%)
Neovasculation in tumor		
Low	NA	6 (13%)
Moderate	NA	0 (0%)
High	NA	0 (0%)
Vessels cuffed with lymphocytes	38 (68%)	27 (60%)
Foci lymphocytic inflammation	0 (0%)	10 (22%)
Foci of necrosis	0 (0%)	0 (0%)
Pigment, melanin	46 (82%)	17 (38%)
Granulomas containing parasitic ova	7 (13%)	21 (47%)
Keratin pearls	NA	4 (9%)
Margins		
Spread by expansion	NA	45 (100%)
Spread by infiltration	NA	0 (0%)
Regressing	NA	0 (0%)

Table 3. Summary of normal and histopathological features of the subcutaneous tissues of 56 skin biopsies and 45 integumental fibropapillomas of sea turtles from Australian waters.

	Normal skin	Tumors
Subcutaneous tissues		
Deep fibroblastic reaction	0 (0%)	0 (0%)
Vessels cuffed with lymphocytes	38 (68%)	17/21 (81%)
Granulomas containing parasitic ova	7 (13%)	4/22 (18%)

Table 2. Summary of histopathological features of the dermis and subcutis of 56 biopsies from non-tumored skin and 45 integumental tumors from sea turtles from Australian waters.

	Non-tumored Skin	Tumored Skin
<b>DERMIS</b>		
Haphazard fibroblastic pattern	NA	45 (100%)
Cellularity of tumor		
Low	NA	9 (20%)
Moderate	NA	36 (80%)
High	NA	0 (0%)
Mitotic figures	0 (0%)	0 (0%)
Neovasculation in tumor, mild	NA	6 (13%)
Vessels cuffed with lymphocytes	38 (68%)	27 (60%)
Foci lymphocytic inflammation	0 (0%)	10 (22%)
Foci of necrosis	0 (0%)	0 (0%)
Pigment, melanin	46 (82%)	17 (38%)
Granulomas containing parasitic ova	7 (13%)	21 (47%)
Keratin pearls	NA	4 (9%)
Margins		
Spread by expansion	NA	45 (100%)
Regressing	NA	0 (0%)
<b>SUBCUTANEOUS TISSUE</b>		
Vessels cuffed with lymphocytes	38 (68%)	17/21 (81%)
Granulomas containing parasitic ova	7 (13%)	4/22 (18%)

Colorado Veterinary Diagnostic Laboratory  
College of Veterinary Medicine and Biomedical Sciences  
Colorado State University, Fort Collins, CO 80523  
Phone: 970-491-1281 Fax: 970-491-0320

DL#: 989-23367  
Date: 12/23/99

**Vet/Clinic:** George Balazs/National Marine Fisheries Service  
**Owner:** NA  
**Animal ID:** NA **Date Specimen Taken:** NA  
**Species:** Australian Sea Turtles **Breed:** NA **Age:** NA **Sex:** NA

**History:** Submitted are 24 skin biopsies from sea turtles from Australia. All of these samples have been fixed in 10 percent neutral buffered formalin.

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**HISTOPATHOLOGY:** Sample 7 - Normal skin.

Sample 27.1 - Fibropapilloma.

Sample 27.2 - Fibropapilloma.

Sample 30.A - Normal skin.

Sample 30.B - This section is of an extremely early tumor. It is characterized by acanthosis with extremely early pseudoepitheliomatous hyperplasia. There is extensive serocellular crusting on the surface of the epidermis. The degree of fibroplasia within the dermis is considered moderate and of the flattened type of pattern of tumors.

Sample 30.C - Early fibropapilloma with a flattened tumor pattern.

Sample 32 - Normal skin.

Sample 36.1 - Normal skin.

Sample 35 - Fibropapilloma, papillary pattern.

Sample 36.2 - Tissue too small, no diagnosis.

Sample 39.T - Fibropapilloma, papillary pattern.

Sample 40.1 - Normal skin.

Sample 40.2 - Tissue too small, no diagnosis.

Sample 41/44 - Normal skin.

Sample 42 - Normal skin/severe hyperkeratosis with numerous fungal agents, no evidence of tumor in this tissue.

Sample 44.T2 - Fibropapilloma, large.

Sample 46 - Fibropapilloma, flattened pattern but has no pseudoepitheliomatous hyperplasia. It could have been a piece of relatively large nodular smooth type of tumor.

Sample 48.T - Fibropapilloma, large mass.

Sample 50.T - Fibropapilloma, large mass. Pseudoepitheliomatous hyperplasia not present within biopsy.

Sample 52 - Four pieces of tissue are on this slide. Two of them are normal skin and two of them are of a large fibropapilloma. The sections of fibropapilloma do not have pseudoepitheliomatous hyperplasia.

Sample 53 - Severe dermatitis associated with some type of organism. I can't tell what kind of organism it is but it is relatively large and somewhat suggestive of algal growth or some kind of plant life growing on the surface of this turtle, but there is no evidence of tumor in the skin.

Sample 53.1 - Fibropapilloma with both papillary and flattened patterns.

Sample 53.2 - Normal skin.

Sample 53.3 - Fibropapilloma, papillary pattern.

  
\_\_\_\_\_  
Terry R. Spraker, DVM/PhD

Typed: 2/5/99 ea



RECEIVED  
MAR - 8 1999

Colorado Veterinary Diagnostic Laboratories  
Colorado State University  
300 West Drake  
Fort Collins, CO. 80523-1644  
970-491-1281 FAX: 970-491-0320

DL Accession: 989-27284  
Date Completed: 02/23/1999  
Listing Date: 01/27/1999  
CSU Account: 999-73-1464

Owner: National Marine Fisheries  
Vet:

40JJNF800218

AMP 38  
SEA TURTLE

National Marine Fisheries Service, NOAA  
SW Fisheries Science Ctr, Honolulu Lab  
2570 Dole Street  
Honolulu, HI 96822-2396

Test #	Test description	Qty	Cost	Total
929	Slide, Extra Slide Per Pathologist	60	\$15.00	\$900.00
-----				
Total:				\$900.00

*Approved for  
payment analysis received  
3/9/99 J. B. [Signature]*

NOTE: This statement gives you detailed information about the charges for this accession. You will be billed at the end of the month for all the completed accessions charged to your account.

ACCOUNT 999-73-1464

DLab# 989-27284

\$900.00

PRIMARY TRB K53597.

TURTLE RESEARCH - Nesting Turtles


Tag No.	Postn
New	
Q 11318	
Recapt	
K 53577 L3	

Locality HI Date 6/1/08 Time 23:44 pm

PIT tag No.	Postn
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Tag scar/s	Postn
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WEIGHT	kg
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NOTES  
 Pigment had skin removed from Shoulder 10x5 mm  
 Q 11318  


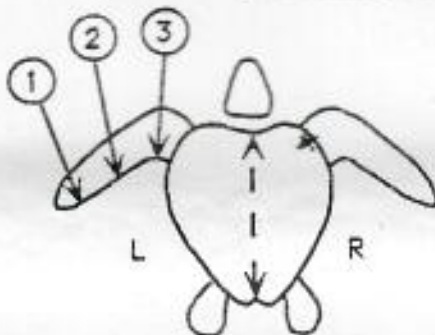
COMMENSALS	NEST LOCATION
Chelonibia..... <input type="checkbox"/>	dune 2nd..... <input type="checkbox"/>
Burrowing barnacles..... <input type="checkbox"/>	dune 1st..... <input checked="" type="checkbox"/>
Algae, thick..... <input type="checkbox"/>	grass slope..... <input type="checkbox"/>
Mud, thick..... <input type="checkbox"/>	below slope..... <input type="checkbox"/>
Other	below HW..... <input type="checkbox"/>
	under tree..... <input type="checkbox"/>
	under shrub..... <input type="checkbox"/>
DAMAGE	CARAPACE
carapace..... <input type="checkbox"/>	in grass..... <input type="checkbox"/>
LFF..... <input type="checkbox"/>	in bare sand..... <input checked="" type="checkbox"/>
RFF..... <input type="checkbox"/>	
LHF..... <input type="checkbox"/>	HOW MANY EGG CHAMBERS?
RHF..... <input type="checkbox"/>	_____

SPECIES
green..... <input checked="" type="checkbox"/>
loggerhead..... <input type="checkbox"/>
flatback..... <input type="checkbox"/>
hawksbill..... <input type="checkbox"/>
ridley..... <input type="checkbox"/>
leatherback..... <input type="checkbox"/>

CARAPACE
length <u>107.1</u> cm

ACTIVITY
<u>Nesting/Body getting?</u>
laid..... <input type="checkbox"/>
laid/dist..... <input type="checkbox"/>
no lay..... <input type="checkbox"/>

Fibropapillomas	yes / no	WHY MORE THAN ONE CHAMBER?
Lumps	<input checked="" type="checkbox"/> yes / <input type="checkbox"/> no	_____



CAUSE OF DISTURBANCE
_____

CLUTCH DESTRUCTION
No. eggs dist _____
Tag No. _____
Date _____

NEST AND CLUTCH DATA	
Nest tag in nest	yes / no
Clutch relocation	yes / no

NEST DEPTH
Top _____ cm
Bottom _____ cm

TEMPERATURE
at 50cm _____ °C

Clutch count	_____
Yolkless eggs	_____
Multiyolk eggs	_____

NEST MAP	
Post No. _____	Post No. _____
m	m
NEST	
Landward/seaward	

EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA
IX number _____
Time _____
Time taken _____
Operator _____
Notes _____

RECORDERS
measured _____
recorded _____

PRIMARY TAG K 53405

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New Q11317	X (1/2)
Recapt Q11299	X
K 53405	A3

entered 0

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

Locality Sector HI 22/23 Date 6/1/03

Time 01:27 pm

COMMENSALS

- Chelonibia..... X
- Burrowing barnacles..... 0
- Algae, thick..... 0
- Mud, thick..... 0
- Other

NEST LOCATION

- dune 2nd..... 0
- dune 1st..... X
- grass slope..... 0
- below slope..... 0
- below HW..... 0
- under tree..... 0
- under shrub..... 0
- in grass..... 0
- in bare sand..... X

SPECIES

- green..... X
- loggerhead..... 0
- flatback..... 0
- hawksbill..... 0
- ridley..... 0
- leatherback..... 0

DAMAGE

- carapace..... 0
- LFF..... 0
- RFF..... 0
- LHF..... 0
- RHF..... 0

HOW MANY EGG CHAMBERS? \_\_\_\_\_

CARAPACE

length 101.5 cm

ACTIVITY


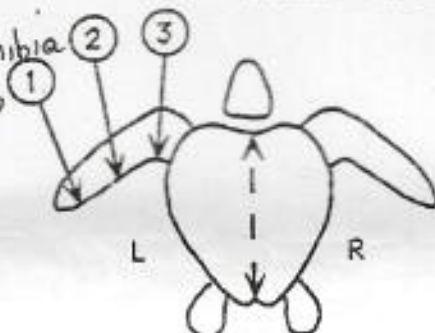
- Body p. Hing.
- laid..... 0
- laid/dist..... 0
- no lay..... 0

- Fibropapillomas yes/no
- Lumps yes/no

WHY MORE THAN ONE CHAMBER? \_\_\_\_\_

CAUSE OF DISTURBANCE \_\_\_\_\_

NOTES  
Healthy skin @ shoulder Q11317  
also removed 2 Chelonibia 2  
Barnacles 7g. Balazs Q11299

CLUTCH DESTRUCTION

No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

NEST AND CLUTCH DATA

Nest tag in nest yes/no  
Clutch relocation yes/no

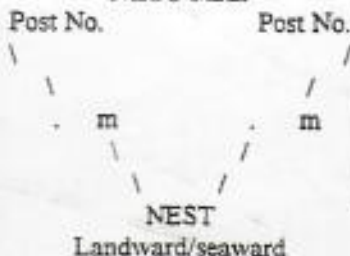
NEST DEPTH

Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

TEMPERATURE at 50cm \_\_\_\_\_ °C

NEST MAP



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA

IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

RECORDERS

measured \_\_\_\_\_  
recorded \_\_\_\_\_



PRIMARY TAG K 57213

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New Q11316	(BS)
Recapt	
K 57213	K3

entered 0

Locality \_\_\_\_\_ am  
Sector HI 16/17 Date 6/1/03 Time 02:22pm


PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES

Healthy tissue  
① shoulder  
Q11316



<b>COMMENSALS</b>	<b>NEST LOCATION</b>
Chelonibia..... 0	dune 2nd..... 0
Burrowing	dune 1st..... X
barnacles..... 0	grass slope..... 0
Algae, thick..... 0	below slope..... 0
Mud, thick..... 0	below HW..... 0
Other	under tree..... 0
	under shrub..... 0
<b>DAMAGE</b>	in grass..... X
carapace..... 0	in bare sand..... 0
LFF..... 0	
RFF..... 0	
LHF..... 0	
RHF..... 0	

<b>SPECIES</b>	
green.....	✓
loggerhead.....	0
flatback.....	0
hawksbill.....	0
ridley.....	0
leatherback.....	0

**CARAPACE**  
length 89.9 cm

**ACTIVITY**

laid..... X

laid/dist..... 0

no lay..... 0

**HOW MANY EGG CHAMBERS?** \_\_\_\_\_

**WHY MORE THAN ONE CHAMBER?** \_\_\_\_\_

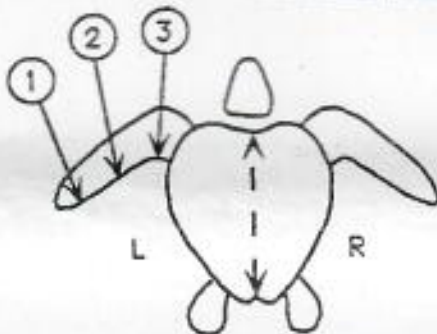
Fibropapillomas yes/no \_\_\_\_\_

Lumps yes/no \_\_\_\_\_

**CAUSE OF DISTURBANCE**

\_\_\_\_\_

\_\_\_\_\_



**CLUTCH DESTRUCTION**

No. eggs dist \_\_\_\_\_

Tag No. \_\_\_\_\_

Date \_\_\_\_\_

**NEST AND CLUTCH DATA**

Nest tag in nest yes/no \_\_\_\_\_

Clutch relocation yes/no \_\_\_\_\_

**NEST DEPTH**

Top \_\_\_\_\_ cm

Bottom \_\_\_\_\_ cm

**TEMPERATURE**

at 50cm \_\_\_\_\_ °C

Clutch count \_\_\_\_\_

Yolkless eggs \_\_\_\_\_

Multiyolk eggs \_\_\_\_\_

**NEST MAP**

Post No. \_\_\_\_\_ Post No. \_\_\_\_\_

m m

NEST

Landward/seaward

EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_

Time \_\_\_\_\_

Time taken \_\_\_\_\_

Operator \_\_\_\_\_

Notes \_\_\_\_\_

**RECORDERS**

measured \_\_\_\_\_

recorded \_\_\_\_\_

PRIMARY TAG K57250

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New	
Q 11319	
Receipt	
K 57250	L3


entered 0  
 Locality HI  
 Sector 9/10 Date 6/1/03 Time 23:34pm am

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
 Tag of skin  
 Removal from  
 trailing edge of  
 front flipper  
 Q11319



<b>COMMENSALS</b>	<b>NEST LOCATION</b>
Chelonibia..... 0	dune 2nd..... 0
Burrowing	dune 1st..... X
barnacles..... 0	grass slope..... 0
Algae, thick..... 0	below slope..... 0
Mud, thick..... 0	below HW..... 0
Other	under tree..... 0
<b>DAMAGE</b>	under shrub..... 0
carapace..... 0	in grass..... 0
LFF..... 0	in bare sand..... X
RFF..... 0	
LHF..... 0	<b>HOW MANY EGG</b>
RHF..... 0	<b>CHAMBERS?</b> _____

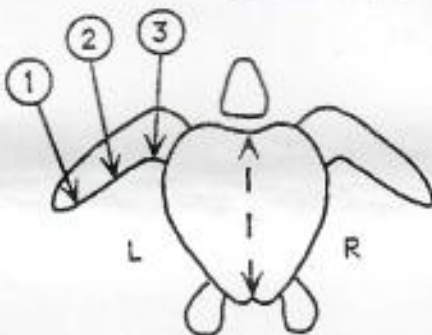
<b>SPECIES</b>
green..... X
loggerhead..... 0
flatback..... 0
hawksbill..... 0
ridley..... 0
leatherback..... 0

<b>CARAPACE</b>
length 105.5 cm

<b>ACTIVITY</b>
<u>Nesting/Body Pitting?</u>
laid..... 0
laid/dist..... 0
no lay..... 0

Fibropapillomas yes/no	<b>WHY MORE THAN</b>
Lumps <input checked="" type="checkbox"/> yes / <input type="checkbox"/> no	<b>ONE CHAMBER?</b>
	_____

<b>CAUSE OF</b>
<b>DISTURBANCE</b>
_____



<b>CLUTCH</b>
<b>DESTRUCTION</b>
No. eggs dist _____
Tag No. _____
Date _____

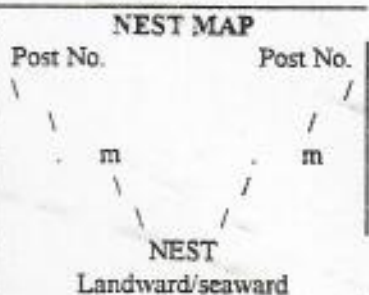
NEST AND CLUTCH DATA

Nest tag in nest	yes / no
Clutch relocation	yes / no

<b>NEST DEPTH</b>
Top _____ cm
Bottom _____ cm

Clutch count	_____
Yolkless eggs	_____
Multiyolk eggs	_____

<b>TEMPERATURE</b>
at 50cm _____ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

<b>BLOOD SAMPLING DATA</b>
IX number
Time
Time taken
Operator
Notes

<b>RECORDERS</b>
measured TB
recorded JM ME

Primary Tag K 55590

TURTLE RESEARCH - Nesting Turtles

entered 0

Tag No.	Posn
New Q 11309 6M	
Q 11296 X.	
Recapt	
K 55590 23	

Locality Sector HT 601 Date 07/1/03 Time 02:41 am ~~02:41 pm~~

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
2 chelonibia  
Q 11296.  
  
→ S Balazo  
  
Tag of Skin (R) hind  
DNA  
→ Nancy FitzSimmons  
Q 11309

COMMENSALS  
Chelonibia..... X  
Burrowing barnacles..... 0  
Algae, thick..... 0  
Mud, thick..... 0  
Other

NEST LOCATION  
dune 2nd..... 0  
dune 1st..... 0  
grass slope..... 0  
below slope..... 0  
below HW..... X  
under tree..... 0  
under shrub..... 0  
in grass..... 0  
in bare sand..... 0

SPECIES  
green..... X  
loggerhead..... 0  
flatback..... 0  
hawksbill..... 0  
ridley..... 0  
leatherback..... 0

DAMAGE  
carapace..... 0  
LFF..... 0  
RFF..... 0  
LHF..... 0  
RHF..... 0

CARAPACE  
length 72.1 cm

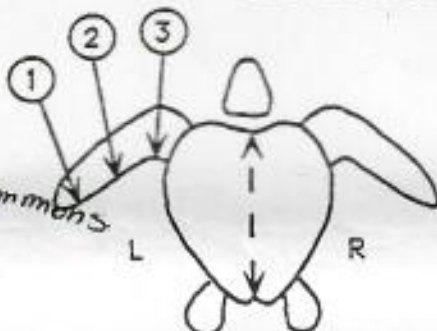
Fibropapillomas yes / no  
Lumps yes / no

HOW MANY EGG CHAMBERS? \_\_\_\_\_  
WHY MORE THAN ONE CHAMBER? \_\_\_\_\_

ACTIVITY  
Nesting?  
laid..... 0  
laid/dist..... 0  
no lay..... 0

CAUSE OF DISTURBANCE  
\_\_\_\_\_  
\_\_\_\_\_

CLUTCH DESTRUCTION  
No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_



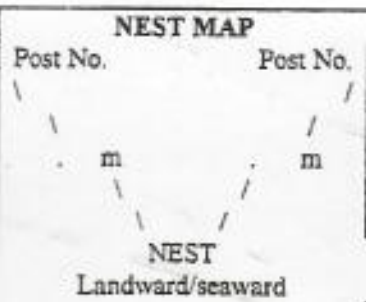
NEST AND CLUTCH DATA

Nest tag in nest yes / no  
Clutch relocation yes / no

NEST DEPTH  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

TEMPERATURE  
at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA

IX number  
Time  
Time taken  
Operator  
Notes

RECORDERS

measured \_\_\_\_\_  
recorded \_\_\_\_\_

PRIMARY TAG T 6187

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New Q11312 BS	
Recapt	
K 2041 R3	
T 6187 L3	

entered 0

Locality \_\_\_\_\_ Date 7/1/03 Time 0056 am/pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
 Healthy tissue  
 (R) shoulder  
 Q11312  


COMMENSALS  
 Chelonibia..... 0  
 Burrowing.....  
 barnacles..... 0  
 Algae, thick..... 0  
 Mud, thick..... 0  
 Other \_\_\_\_\_

NEST LOCATION  
 dune 2nd..... 0  
 dune 1st..... \*  
 grass slope..... 0  
 below slope..... 0  
 below HW..... 0  
 under tree..... 0  
 under shrub..... 0

SPECIES  
 green..... X  
 loggerhead..... 0  
 flatback..... 0  
 hawksbill..... 0  
 ridley..... 0  
 leatherback..... 0

DAMAGE  
 carapace..... 0  
 LFF..... 0  
 RFF..... 0  
 LHF..... 0  
 RHF..... 0

HOW MANY EGG CHAMBERS?  
 in grass..... 0  
 in bare sand..... X

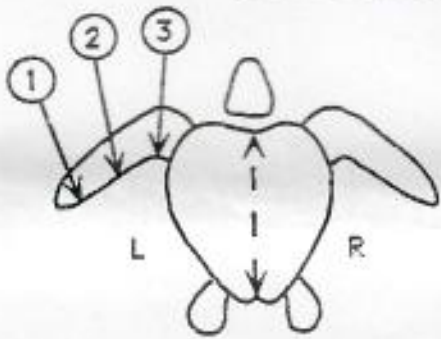
CARAPACE  
 length 111.3 cm

ACTIVITY  
Nesting / wandering  
 laid..... 0  
 laid/dist..... 0  
 no lay..... 0

Fibropapillomas yes/no  
 Lumps yes/no

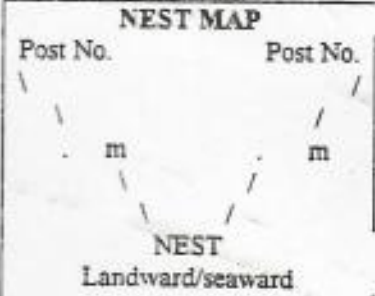
WHY MORE THAN ONE CHAMBER?  
 \_\_\_\_\_

CAUSE OF DISTURBANCE  
 \_\_\_\_\_



NEST AND CLUTCH DATA  
 Nest tag in nest yes/no  
 Clutch relocation yes/no

NEST DEPTH  
 Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm



Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

TEMPERATURE  
 at 50cm \_\_\_\_\_ °C

BLOOD SAMPLING DATA  
 IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

RECORDERS  
 measured \_\_\_\_\_  
 recorded \_\_\_\_\_

PRIMARY TAG K 5745.

TURTLE RESEARCH - Nesting Turtles

entered 0

Tag No.	Postn
New Q11311	BS
Recapt	
K 5745	L3


Locality Sector HE 80/31 Date 7/1/03 Time 0:32 pm

PIT tag No.	Postn

Tag scar/s	Postn

WEIGHT	kg

NOTES  
Healthy tissue  
Q11311  
② Shoulder

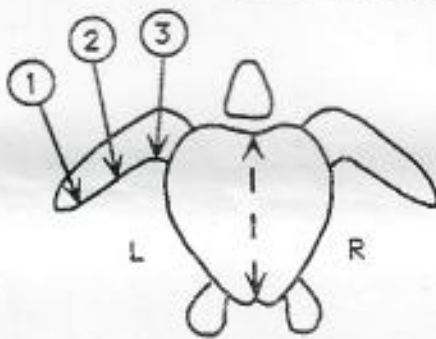


COMMENSALS	NEST LOCATION	SPECIES
Chelonibia..... 0	dune 2nd..... 0	green..... X
Burrowing	dune 1st..... X	loggerhead..... 0
barnacles..... 0	grass slope..... 0	flatback..... 0
Algae, thick..... 0	below slope..... 0	hawksbill..... 0
Mud, thick..... 0	below HW..... 0	ridley..... 0
Other	under tree..... X	leatherback..... 0
	under shrub..... 0	

DAMAGE	CARAPACE
carapace..... 0	length 101.2 cm
LFF..... 0	
RFF..... 0	
LHF..... 0	
RHF..... 0	

HOW MANY EGG CHAMBERS?	ACTIVITY
laid..... X	nesting
laid/dist..... 0	
no lay..... 0	

Fibropapillomas yes/no	WHY MORE THAN ONE CHAMBER?
Lumps yes/no	



CAUSE OF DISTURBANCE

\_\_\_\_\_

\_\_\_\_\_

CLUTCH DESTRUCTION

No. eggs dist \_\_\_\_\_

Tag No. \_\_\_\_\_

Date \_\_\_\_\_

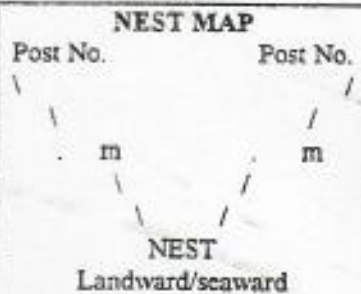
NEST AND CLUTCH DATA

Nest tag in nest yes/no  
Clutch relocation yes/no

NEST DEPTH  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

TEMPERATURE  
at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA

IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

RECORDERS

measured \_\_\_\_\_  
recorded \_\_\_\_\_

PRIMARY TAG. T 88397

NOTE \* already collected samples from ins carap  
on 5/1/03.

TURTLE RESEARCH - Nesting Turtles

Tag No.	Postn
New Q 811310	(B)
Recapt	
T 88397 L3	
K 18756 R3	

Locality \_\_\_\_\_ entered 0  
Sector H.T 30/31 Date 7/1/03 Time 0209 pm

PIT tag No.	Postn

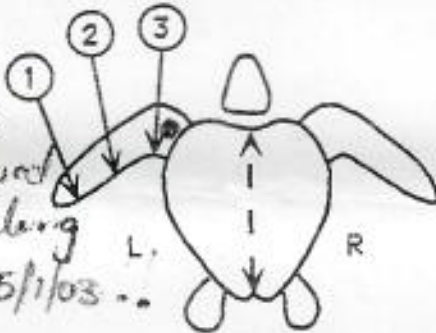
Tag scar/s	Postn

WEIGHT	kg

NOTES  
5x2cm Growth / Scar tissue  
Q 11310  
obtained 2x1cm sample with normal skin  
Growth looks to have been blipped before, but healing  
JP was blipped on 5/1/03.

<b>COMMENSALS</b>	<b>NEST LOCATION</b>	<b>SPECIES</b>
Chelonibia..... 0	dune 2nd..... 0	green..... X
Burrowing barnacles..... 0	dune 1st..... 0	loggerhead..... 0
Algae, thick..... 0	grass slope..... 0	flatback..... 0
Mud, thick..... 0	below slope..... 0	hawksbill..... 0
Other	below HW..... 0	ridley..... 0
	Beach /	leatherback..... 0
	under tree..... 0	
<b>DAMAGE</b>	under shrub..... 0	<b>CARAPACE</b>
carapace..... 0	in grass..... 0	length 110.1 cm
LFF..... 0	in bare sand..... 0	
RFF..... 0		<b>ACTIVITY</b>
LHF..... 0	<b>HOW MANY EGG CHAMBERS?</b>	laid..... 0
RHF..... 0	_____	laid/dist..... 0
Fibropapillomas yes / no	<b>WHY MORE THAN ONE CHAMBER?</b>	no lay..... 0
Lumps yes / no	_____	

same turtle 25/5/03 morning  
111.2cm  
CCL



**NEST AND CLUTCH DATA**

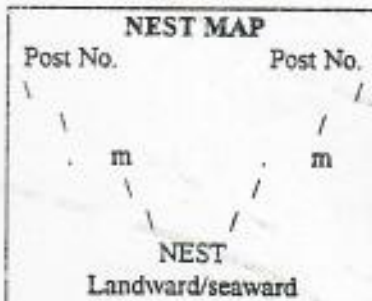
Nest tag in nest yes / no \_\_\_\_\_  
Clutch relocation yes / no \_\_\_\_\_

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

**NEST DEPTH**

Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

**TEMPERATURE**  
at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken 0208  
Operator mark rice  
Notes \_\_\_\_\_

**RECORDERS**

measured \_\_\_\_\_  
recorded me

Blood glucose 71 mg/dlt

PRIMARY TAG T 5338

**TURTLE RESEARCH - Nesting Turtles**

Tag No.	Posn
New Q11313	B6
Receipt	
T 3338	R5
K 393	R3

entered 0

Locality \_\_\_\_\_ am  
Sector HI 11/12 Date 7/1/08 Time 0023 pm

PIT tag No.	Posn

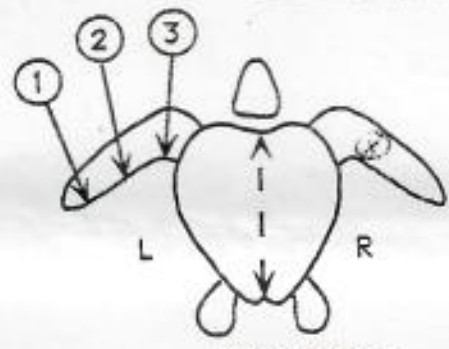
Tag scar/s	Posn

WEIGHT	kg

**NOTES**  
front flipper  
R Flipper  
Q11313  
Necrotic Plug



<b>COMMENSALS</b>	<b>NEST LOCATION</b>	<b>SPECIES</b>
Chelonibia..... 0	dune 2nd..... 0	green..... X
Burrowing	dune 1st..... X	loggerhead..... 0
barnacles..... 0	grass slope..... 0	flatback..... 0
Algae, thick..... 0	below slope..... 0	hawksbill..... 0
Mud, thick..... 0	below HW..... 0	ridley..... 0
Other		leatherback..... 0
	under tree..... 0	
<b>DAMAGE</b>	under shrub..... 0	<b>CARAPACE</b>
carapace..... 0	in grass..... X	length 104.3 cm
LFF..... 0	in bare sand..... 0	
RFF..... 0		<b>ACTIVITY</b>
LHF..... 0	<b>HOW MANY EGG</b>	<u>Nesting</u>
RHF..... 0	<b>CHAMBERS?</b> _____	laid..... 0
		laid/dist..... 0
Fibropapillomas yes/no	<b>WHY MORE THAN</b>	no lay..... 0
Lumps yes/no	<b>ONE CHAMBER?</b>	
	_____	



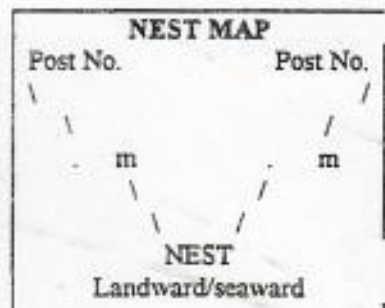
**CAUSE OF DISTURBANCE**  
\_\_\_\_\_  
\_\_\_\_\_

**CLUTCH DESTRUCTION**  
No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

**NEST AND CLUTCH DATA**  
Nest tag in nest yes/no \_\_\_\_\_  
Clutch relocation yes/no \_\_\_\_\_

**NEST DEPTH**  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

**TEMPERATURE**  
at 50cm \_\_\_\_\_ °C



Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken 0023  
Operator MHC RICE  
Notes \_\_\_\_\_

**RECORDERS**  
measured JM  
recorded Mc

Blood Glucose 60 mg/dl

PRIMARY TAG T 5320

TURTLE RESEARCH - Nesting Turtles

Tag No.	Post
New	
CP 11308	B25
Receipt	
K 438	L3
T 61247	R3


Locality \_\_\_\_\_ entered o  
Sector HI 53/54 Date 8/1/03 Time 0128 am/pm

PIT tag No.	Post

Tag scar/s	Post

WEIGHT	kg

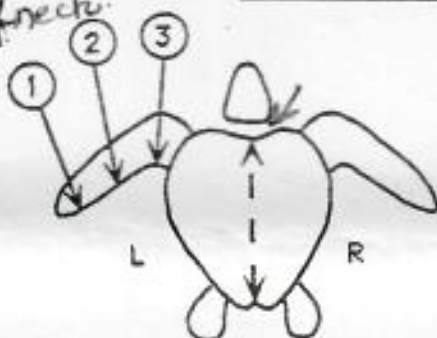
NOTES  
FLAP OF SKIN  
Possibly associated  
with slice wound to  
Q 11308 (R) side of neck  
vertical  
sample collected  
~ 5x2cm



<b>COMMENSALS</b>	<b>NEST LOCATION</b>	<b>SPECIES</b>
Chelonibia..... o	dune 2nd..... o	green..... X
Burrowing	dune 1st..... X	loggerhead..... o
barnacles..... o	grass slope..... o	flatback..... o
Algae, thick..... o	below slope..... o	hawksbill..... o
Mud, thick..... o	below HW..... o	ridley..... o
Other		leatherback..... o
	under tree..... X	
	under shrub..... o	
<b>DAMAGE</b>		<b>CARAPACE</b>
carapace..... o	in grass..... o	length 91.4 cm
LFF..... o	in bare sand..... o	
RFF..... o		
LHF..... o	<b>HOW MANY EGG</b>	<b>ACTIVITY</b>
RHF..... o	<b>CHAMBERS?</b> _____	laid..... o

Fibropapillomas yes/no  
Lumps yes/no

**WHY MORE THAN ONE CHAMBER?**  
\_\_\_\_\_



CAUSE OF DISTURBANCE  
\_\_\_\_\_  
\_\_\_\_\_

**CLUTCH DESTRUCTION**  
No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

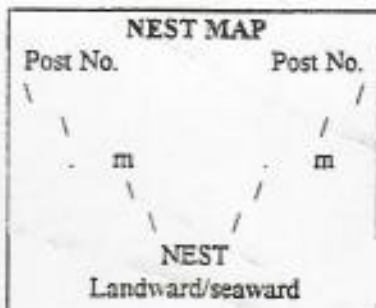
**NEST AND CLUTCH DATA**

Nest tag in nest yes/no  
Clutch relocation yes/no

**NEST DEPTH**  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

**TEMPERATURE**  
at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

<b>BLOOD SAMPLING DATA</b>
IX number _____
Time _____
Time taken _____
Operator _____
Notes _____
<b>RECORDERS</b>
measured _____
recorded _____



PRIMARY TAG K4349

TURTLE RESEARCH - Nesting Turtles

Tag No.	Post
New	
Recapt	
K 4349	L3
K 57442	R3

entered o

Locality

Sector HI 25/26 Date 8/1/03

Time 0149 pm

FIT tag No.	Post

Tag scar/s	Post

WEIGHT	kg

NOTES


① hump lateral

② hump " R shoulder region

③ hump

④ hump

④ more lateral one near arm pit



COMMENSALS

Chelonibia..... o

Burrowing barnacles..... X

Algae, thick..... o

Mud, thick..... o

Other

NEST LOCATION

dune 2nd..... o

dune 1st..... X

grass slope..... o

below slope..... o

below HW..... o

under tree..... o

under shrub..... o

SPECIES

green..... X

loggerhead..... o

flatback..... o

hawksbill..... o

ridley..... o

leatherback..... o

DAMAGE

carapace..... o

LFF..... o

RFF..... o

LHF..... o

RHF..... o

in grass..... o

in bare sand..... X

CARAPACE

length 107.1 cm

ACTIVITY

Resting

laid..... o

laid/dist..... o

no lay..... o

HOW MANY EGG CHAMBERS?

WHY MORE THAN ONE CHAMBER?

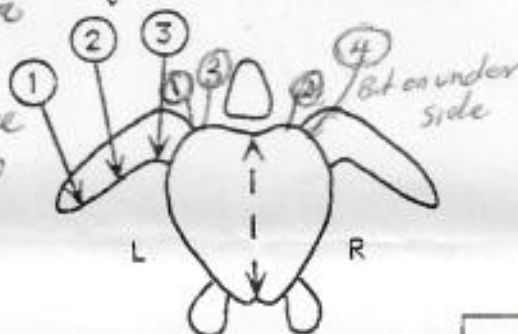
CAUSE OF DISTURBANCE

CLUTCH DESTRUCTION

No. eggs dist \_\_\_\_\_

Tag No. \_\_\_\_\_

Date \_\_\_\_\_



NEST AND CLUTCH DATA

Best tag in nest yes / no

Clutch relocation yes / no

NEST DEPTH

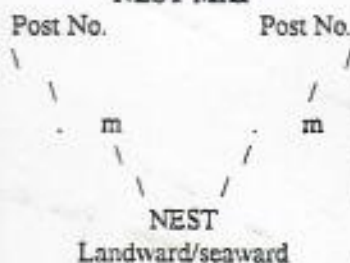
Top \_\_\_\_\_ cm

Bottom \_\_\_\_\_ cm

TEMPERATURE

at 50cm \_\_\_\_\_ °C

NEST MAP



EGG DIAMETERS (cm)

WEIGHTS (g)

1	x	
2	x	
3	x	
4	x	
5	x	
6	x	
7	x	
8	x	
9	x	
10	x	

BLOOD SAMPLING DATA

IX number

Time

Time taken 02:33

Operator Marc Hill

Notes

RECORDERS

measured \_\_\_\_\_

recorded \_\_\_\_\_

Blood glucose 48 mg/dL

① Q 11307 BL

② Q 11306 BL

③ Q 11305 BL

④ Q 11304 BL

PRIMARY TAG K 53356.

TURTLE RESEARCH - Nesting Turtles

Tag No.	Postn
New	
Q 11303	Bk
Receipt	
K 53356	L3

entered 0

Locality \_\_\_\_\_ Date 8/1/03  
Sector 07/28 Time 02:45 pm

PIT tag No.	Postn

Tag scar/s	Postn

WEIGHT	kg

NOTES  
 @ flipper - mid way trailing edge, possibly associated with wound on ventral side  
 QUEENSLAND  
 TURTLE RESEARCH  
 Q11303

<b>COMMENSALS</b>	<b>NEST LOCATION</b>
Chelonibia..... 0	dune 2nd..... 0
Burrowing barnacles..... 0	dune 1st..... 0
Algae, thick..... 0	grass slope..... 0
Mud, thick..... 0	below slope..... 0
Other	below HW..... 0
	under tree..... 0
	under shrub..... 0
<b>DAMAGE</b>	in grass..... 0
carapace..... 0	in bare sand..... 0
LFF..... 0	
RFF..... 0	
LHF..... 0	
RHF..... 0	

<b>SPECIES</b>	
green.....	X
loggerhead.....	0
flatback.....	0
hawksbill.....	0
ridley.....	0
leatherback.....	0

**CARAPACE**  
length 106.4 cm

**ACTIVITY**

laid.....	0
laid/dist.....	0
no lay.....	0

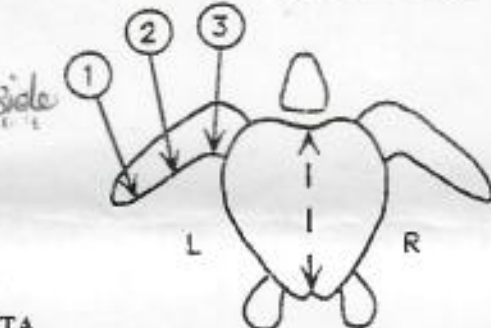
**HOW MANY EGG CHAMBERS?** \_\_\_\_\_

**WHY MORE THAN ONE CHAMBER?** \_\_\_\_\_

Fibropapillomas yes/no  
Lumps yes/no

**CAUSE OF DISTURBANCE**

\_\_\_\_\_



**CLUTCH DESTRUCTION**

No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

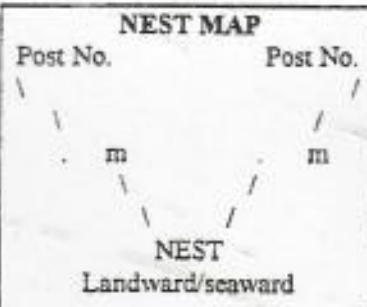
**NEST AND CLUTCH DATA**

Nest tag in nest yes/no  
Clutch relocation yes/no

**NEST DEPTH**  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

**TEMPERATURE**  
at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

**RECORDERS**

measured \_\_\_\_\_  
recorded \_\_\_\_\_

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New	
Q 11302	B2
Recapt	
K 53218	R3

entered 0 ✓

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
 Recapt the area  
 possibly associated  
 with old injury  
 2x3 cm  
 Ventral surface  
 of (R) front  
 shoulder  
  
 Q11302

Locality \_\_\_\_\_ am  
 Sector HT 22/23 Date 8/1/03 Time 03:27 pm

COMMENSALS

Chelonibia..... 0  
 Burrowing barnacles..... X  
 Algae, thick..... 0  
 Mud, thick..... 0  
 Other LC2

NEST LOCATION

dune 2nd..... 0  
 dune 1st..... 0  
 grass slope..... 0  
 below slope..... 0  
 below HW..... 0  
 under tree..... X  
 under shrub..... 0  
 in grass..... 0  
 in bare sand..... 0

SPECIES

green..... X  
 loggerhead..... 0  
 flatback..... 0  
 hawksbill..... 0  
 ridley..... 0  
 leatherback..... 0

DAMAGE

carapace..... 0  
 LFF..... 0  
 RFF..... 0  
 LHF..... 0  
 RHF..... 0

HOW MANY EGG CHAMBERS?

WHY MORE THAN ONE CHAMBER?

Fibropapillomas yes / no  
 Lumps yes / no

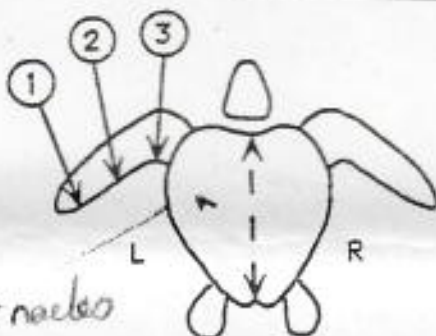
ACTIVITY

laid..... 0  
 laid/dist..... 0  
 no lay..... 0

CAUSE OF DISTURBANCE

CLUTCH DESTRUCTION

No. eggs dist \_\_\_\_\_  
 Tag No. \_\_\_\_\_  
 Date \_\_\_\_\_



NEST AND CLUTCH DATA

Nest tag in nest yes / no  
 Clutch relocation yes / no

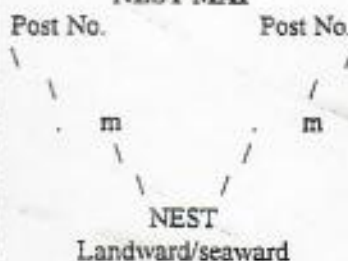
NEST DEPTH

Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

TEMPERATURE at 50cm \_\_\_\_\_ °C

NEST MAP



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA

IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken 03:35  
 Operator Mark Rie  
 Notes \_\_\_\_\_

RECORDERS

measured \_\_\_\_\_  
 recorded \_\_\_\_\_

Blood glucose not taken due to error on machine

Primary tag. K57334.

5311

TURTLE RESEARCH - Nesting Turtles

entered

Tag No.	Posn
New	
Q 11301	BK
Recapt	
K 57334	LH
<del>K 55551</del>	<del>R</del>

Locality Sector N314/5 Date 8/1/03 Time 04:00 pm

new tag → MSO


PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES

Q11301  
 R attempt  
 Pigmented hump  
 possibly Scar  
 Tissue



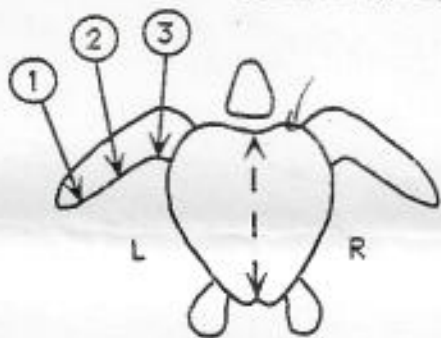
<b>COMMENSALS</b>	<b>NEST LOCATION</b>	<b>SPECIES</b>
Chelonibia..... <input type="checkbox"/>	dune 2nd..... <input type="checkbox"/>	green..... <input checked="" type="checkbox"/>
Burrowing	dune 1st..... <input type="checkbox"/>	loggerhead..... <input type="checkbox"/>
barnacles..... <input type="checkbox"/>	grass slope..... <input type="checkbox"/>	flatback..... <input type="checkbox"/>
Algae, thick..... <input type="checkbox"/>	below slope..... <input type="checkbox"/>	hawksbill..... <input type="checkbox"/>
Mud, thick..... <input type="checkbox"/>	below HW..... <input checked="" type="checkbox"/>	ridley..... <input type="checkbox"/>
Other		leatherback..... <input type="checkbox"/>

<b>DAMAGE</b>		<b>CARAPACE</b>
carapace..... <input type="checkbox"/>	under tree..... <input type="checkbox"/>	length <u>168.2</u> cm
LFF..... <input type="checkbox"/>	under shrub..... <input type="checkbox"/>	
RFF..... <input type="checkbox"/>	in grass..... <input type="checkbox"/>	
LHF..... <input type="checkbox"/>	in bare sand..... <input type="checkbox"/>	
RHF..... <input type="checkbox"/>		

<b>HOW MANY EGG CHAMBERS?</b>	<b>ACTIVITY</b>
	<u>emerging</u>
	laid..... <input type="checkbox"/>
	laid/dist..... <input type="checkbox"/>
	no lay..... <input type="checkbox"/>

Fibropapillomas yes / no	<b>WHY MORE THAN ONE CHAMBER?</b>
Lumps <input checked="" type="checkbox"/> no	

**CAUSE OF DISTURBANCE**  
Rocks/wd



**CLUTCH DESTRUCTION**

No. eggs dist \_\_\_\_\_

Tag No. \_\_\_\_\_

Date \_\_\_\_\_

**NEST AND CLUTCH DATA**

Nest tag in nest yes / no \_\_\_\_\_

Clutch relocation yes / no \_\_\_\_\_

**NEST DEPTH**

Top \_\_\_\_\_ cm

Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_

Yolkless eggs \_\_\_\_\_

Multiyolk eggs \_\_\_\_\_

**TEMPERATURE**

at 50cm \_\_\_\_\_ °C

**NEST MAP**

Post No. \_\_\_\_\_ Post No. \_\_\_\_\_

m m

NEST

Landward/seaward

EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_

Time \_\_\_\_\_

Time taken \_\_\_\_\_

Operator \_\_\_\_\_

Notes \_\_\_\_\_

**RECORDERS**

measured \_\_\_\_\_

recorded \_\_\_\_\_

Primary Tag T 5320

TURTLE RESEARCH - Nesting Turtles


Tag No.	Pool
New	
Q 11295	BL
Receipt	
K 438	H3
T 61247	A3

Locality \_\_\_\_\_ entered 0  
 Sector HI 1213 Date 9/1/03 Time 245 pm

PIT tag No.	Pool

Tag scar/s	Pool

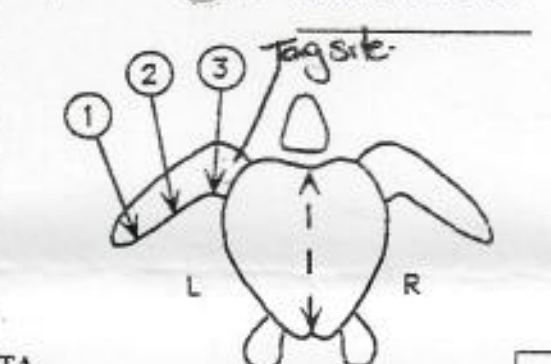
WEIGHT	kg

NOTES  
 Lump associated with LB tag Q 11295 site  
 (N) front flipper  
 - lump v 1x2 cm

COMMENSALS	NEST LOCATION	SPECIES
Chelonibia..... 0	dune 2nd..... 0	green..... X
Burrowing barnacles..... 0	dune 1st..... X	loggerhead..... 0
Algae, thick..... 0	grass slope..... 0	flatback..... 0
Mud, thick..... 0	below slope..... 0	hawksbill..... 0
Other	below HW..... 0	ridley..... 0
	under tree..... X	leatherback..... 0
	under shrub..... 0	

DAMAGE	HOW MANY EGG CHAMBERS?	CARAPACE
carapace..... 0	in grass..... 0	length 92.3 cm
LFF..... 0	in bare sand..... 0	
RFF..... 0		
LHF..... 0		
RHF..... 0		

Fibropapillomas yes/no Lumps yes/no WHY MORE THAN ONE CHAMBER? nesting  
 laid..... 0  
 laid/dist..... 0  
 no lay..... 0

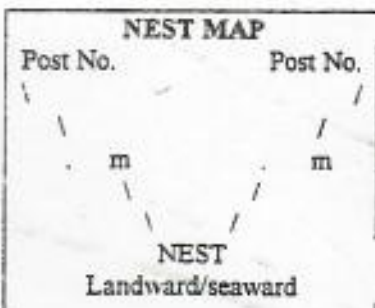


CAUSE OF DISTURBANCE \_\_\_\_\_  
 CLUTCH DESTRUCTION  
 No. eggs dist \_\_\_\_\_  
 Tag No. \_\_\_\_\_  
 Date \_\_\_\_\_

NEST AND CLUTCH DATA  
 Nest tag in nest yes/no  
 Clutch relocation yes/no

NEST DEPTH  
 Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

TEMPERATURE at 50cm \_\_\_\_\_ °C



Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA  
 IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

RECORDERS  
 measured \_\_\_\_\_  
 recorded \_\_\_\_\_

PRIMARY TAG. T 6309

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New Q11293	R2
Q 11294	B2
Receipt	
K 9610	LH
T 6309	L3
T 35868	L3
T 64864	R3
PIT tag No.	Posn


entered 0

Locality \_\_\_\_\_ am  
Sector HI 24/25 Date 9/1/03 Time 0410 pm

Tag scar/s	Posn

WEIGHT	kg

NOTES  
lump in h 3 ventral front flipper  
Q11294  
lump ~ 4x5 cm  
+ Q11393



COMMENSALS  
Chelonibia..... 0  
Burrowing barnacles..... 0  
Algae, thick..... 0  
Mud, thick..... 0  
Other \_\_\_\_\_  
under tree..... 0  
under shrub..... 0  
carapace..... 0  
LFF..... 0  
RFF..... 0  
LHF..... 0  
RHF..... 0  
Fibropapillomas yes/no  
Lumps yes/no

NEST LOCATION  
dune 2nd..... 0  
dune 1st..... X  
grass slope..... 0  
below slope..... 0  
below HW..... 0  
in grass..... 0  
in bare sand..... X

HOW MANY EGG CHAMBERS? \_\_\_\_\_

WHY MORE THAN ONE CHAMBER? \_\_\_\_\_

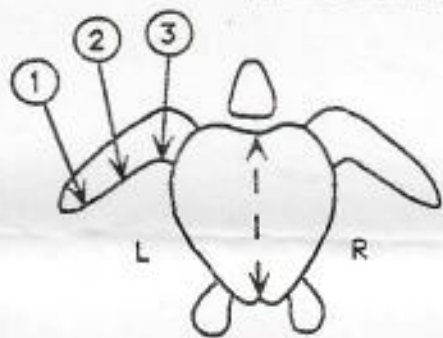
SPECIES  
green..... X  
loggerhead..... 0  
flatback..... 0  
hawksbill..... 0  
ridley..... 0  
leatherback..... 0

CARAPACE  
length 100.8 cm

ACTIVITY  
Mating  
laid..... 0  
laid/dist..... 0  
no lay..... 0

CAUSE OF DISTURBANCE  
\_\_\_\_\_  
\_\_\_\_\_

CLUTCH DESTRUCTION  
No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

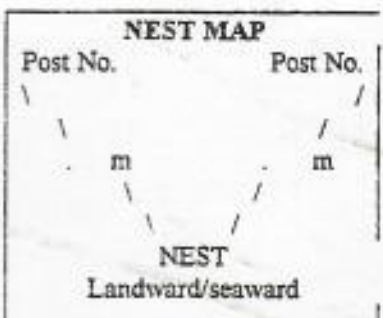


NEST AND CLUTCH DATA  
Nest tag in nest yes / no  
Clutch relocation yes / no

NEST DEPTH  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

TEMPERATURE  
at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA  
IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

RECORDERS  
measured \_\_\_\_\_  
recorded \_\_\_\_\_

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New	
Q 11337	X
Receipt	
K 53288	R3

Locality H1  
Sector 24 Date 29/1/03 Time 8:40 pm


entered

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
9 Barnacles Taken for g. Balazos.  
Q11337.



COMMENSALS  
Chelonibia.....    
Burrowing barnacles..... 0   
Algae, thick..... 0   
Mud, thick..... 0   
Other

NEST LOCATION  
dune 2nd..... 0   
dune 1st.....    
grass slope..... 0   
below slope..... 0   
below HW..... 0   
under tree..... 0   
under shrub..... 0   
in grass..... 0   
in bare sand.....

DAMAGE  
carapace..... 0   
LFF..... 0   
RFF..... 0   
LHF..... 0   
RHF..... 0

HOW MANY EGG CHAMBERS? \_\_\_\_\_

SPECIES  
green.....    
loggerhead..... 0   
flatback..... 0   
hawksbill..... 0   
ridley..... 0   
leatherback..... 0

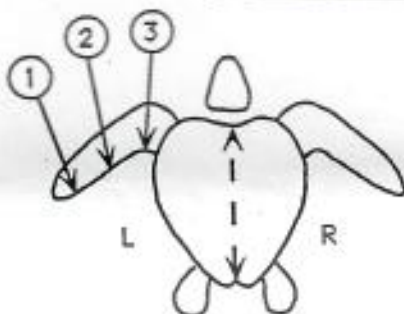
CARAPACE  
length 104.7 cm

ACTIVITY  
N?  
laid..... 0   
laid/dist..... 0   
no lay..... 0

Fibropapillomas yes/no  
Lumps yes/no

WHY MORE THAN ONE CHAMBER? \_\_\_\_\_

CAUSE OF DISTURBANCE  
\_\_\_\_\_  
\_\_\_\_\_



CLUTCH DESTRUCTION  
No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

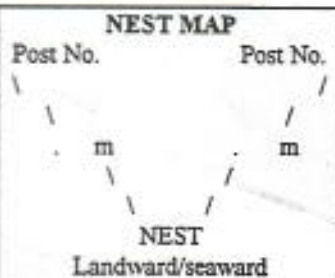
NEST AND CLUTCH DATA

Nest tag in nest yes/no  
Clutch relocation yes/no

NEST DEPTH  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

TEMPERATURE  
at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA

IX number  
Time  
Time taken  
Operator  
Notes

RECORDERS

measured \_\_\_\_\_  
recorded \_\_\_\_\_

BARNACLE DATA - ZAROUS

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New	
Q 11336 X	
Receipt	
K 57338 R3	

entered @ 0

Locality H1

Sector 24

Date 29/01/03


Time 21:32 pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

**NOTES**  
 2 Barnacles  
 Collected for  
 G. Balagos.  
 Q11336.



**COMMENSALS**

- Chelonibia..... X
- Burrowing barnacles..... 0
- Algae, thick..... 0
- Mud, thick..... 0
- Other

**NEST LOCATION**

- dune 2nd..... 0
- dune 1st..... X
- grass slope..... 0
- below slope..... 0
- below HW..... 0
- under tree..... 0
- under shrub..... 0
- in grass..... 0
- in bare sand..... X

**SPECIES**

- green..... X
- loggerhead..... 0
- flatback..... 0
- hawksbill..... 0
- ridley..... 0
- leatherback..... 0

**DAMAGE**

- carapace..... 0
- LFF..... 0
- RFF..... 0
- LHF..... 0
- RHF..... 0

**HOW MANY EGG CHAMBERS?**

**WHY MORE THAN ONE CHAMBER?**

Fibropapillomas yes/no  
 Lumps yes/no

**CARAPACE**

length 12.1 cm

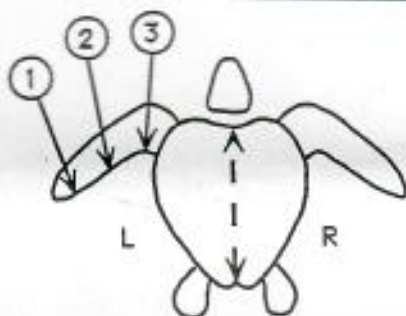
**ACTIVITY?**

- N
- laid..... 0
- laid/dist..... 0
- no lay..... 0

**CAUSE OF DISTURBANCE**

**CLUTCH DESTRUCTION**

No. eggs dist \_\_\_\_\_  
 Tag No. \_\_\_\_\_  
 Date \_\_\_\_\_



**NEST AND CLUTCH DATA**

Nest tag in nest yes/no  
 Clutch relocation yes/no

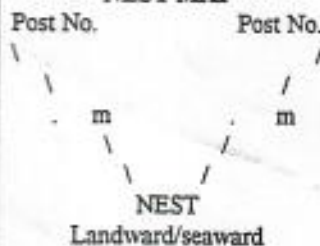
**NEST DEPTH**

Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

**TEMPERATURE**  
 at 50cm \_\_\_\_\_ °C

**NEST MAP**



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

**RECORDERS**

measured \_\_\_\_\_  
 recorded \_\_\_\_\_



TURTLE RESEARCH - Nesting Turtles

entered

Tag No.	Posn
New	
Q 11336 X	
Receipt	
K 57338 R3	

Locality H1

Sector 24

Date 29/01/03


Time 21:32 pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

**NOTES**  
 2 Barnacles  
 Collected for  
 G. Balagos.  
 Q 11336.



**COMMENSALS**

- Chelonibia.....
- Burrowing barnacles..... 0
- Algae, thick..... 0
- Mud, thick..... 0
- Other

**DAMAGE**

- carapace..... 0
- LFF..... 0
- RFF..... 0
- LHF..... 0
- RHF..... 0

Fibropapillomas yes / no  
 Lumps yes / no

**NEST LOCATION**

- dune 2nd..... 0
- dune 1st.....
- grass slope..... 0
- below slope..... 0
- below HW..... 0
- under tree..... 0
- under shrub..... 0
- in grass..... 0
- in bare sand.....

**HOW MANY EGG CHAMBERS?**

**WHY MORE THAN ONE CHAMBER?**

**SPECIES**

- green.....
- loggerhead..... 0
- flatback..... 0
- hawksbill..... 0
- ridley..... 0
- leatherback..... 0

**CARAPACE**

length 12.1 cm

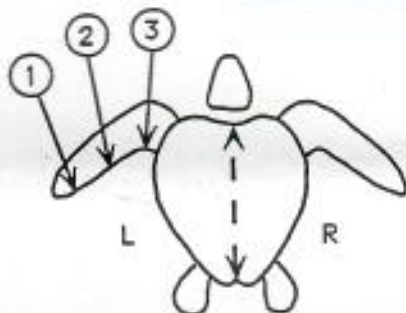
**ACTIVITY?**  
 N?

- laid..... 0
- laid/dist..... 0
- no lay..... 0

**CAUSE OF DISTURBANCE**

**CLUTCH DESTRUCTION**

No. eggs dist \_\_\_\_\_  
 Tag No. \_\_\_\_\_  
 Date \_\_\_\_\_



**NEST AND CLUTCH DATA**

Nest tag in nest yes / no  
 Clutch relocation yes / no

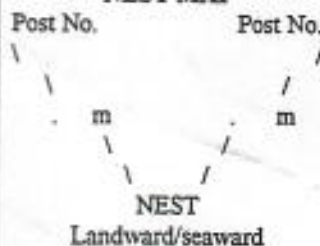
Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

**NEST DEPTH**

Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

**TEMPERATURE**  
 at 50cm \_\_\_\_\_ °C

**NEST MAP**



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

**RECORDERS**

measured \_\_\_\_\_  
 recorded \_\_\_\_\_

TURTLE RESEARCH - Nesting Turtles

entered

Tag No.	Posn
New	
Q 11335	X
Receipt	
T 35510	R3
T 35512	L3

Locality HI  
Sector 54

Date 29/1/03

Time 02:51 am  
~~9:00~~ pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
2 barnacles  
for G. Balagao.  
Q11335



COMMENSALS

Chelonibia.....   
Burrowing  
barnacles..... 0  
Algae, thick..... 0  
Mud, thick..... 0  
Other

NEST LOCATION

dune 2nd..... 0  
dune 1st.....   
grass slope..... 0  
below slope..... 0  
below HW..... 0  
under tree..... 0  
under shrub..... 0  
in grass..... 0  
in bare sand.....

SPECIES

green.....   
loggerhead..... 0  
flatback..... 0  
hawksbill..... 0  
ridley..... 0  
leatherback..... 0

DAMAGE

carapace..... 0  
LFF..... 0  
RFF..... 0  
LHF..... 0  
RHF..... 0

HOW MANY EGG CHAMBERS?

WHY MORE THAN ONE CHAMBER?

CARAPACE

length 98.0 cm

ACTIVITY

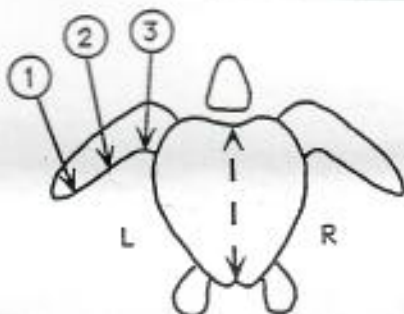
N?  
laid..... 0  
laid/dist..... 0  
no lay..... 0

CAUSE OF DISTURBANCE

CLUTCH DESTRUCTION

No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

Fibropapillomas yes / no  
Lumps yes / no



NEST AND CLUTCH DATA

Nest tag in nest yes / no  
Clutch relocation yes / no

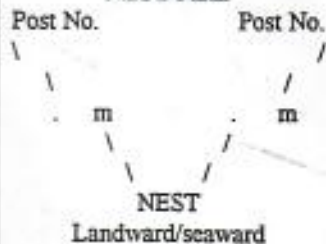
NEST DEPTH

Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

TEMPERATURE  
at 50cm \_\_\_\_\_ °C

NEST MAP



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA

IX number  
Time  
Time taken  
Operator  
Notes

RECORDERS

measured \_\_\_\_\_  
recorded \_\_\_\_\_

Primary Tag K 55590.

TURTLE RESEARCH - Nesting Turtles

entered 0

Tag No.	Posn
New Q 11309 6M	
Q 11296 X	
Receipt	
K 55590 43	

~~400000~~

Locality Sector HT 60.1 Date 07/1/03 Time 02:41 am

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
2 chelonibia  
Q 11296.  
  
→ S. Balazo.  
  
Top of Skin (R) hind  
DNA  
→ Nancy Fitzsimmons  
Q 11309

COMMENSALS	NEST LOCATION
Chelonibia..... X	dune 2nd..... 0
Burrowing	dune 1st..... 0
barnacles..... 0	grass slope..... 0
Algae, thick..... 0	below slope..... 0
Mud, thick..... 0	below HW..... X
Other	under tree..... 0
	under shrub..... 0
DAMAGE	in grass..... 0
carapace..... 0	in bare sand..... 0
LFF..... 0	
RFF..... 0	
LHF..... 0	HOW MANY EGG
RHF..... 0	CHAMBERS? _____

SPECIES
green..... X
loggerhead..... 0
flatback..... 0
hawksbill..... 0
ridley..... 0
leatherback..... 0

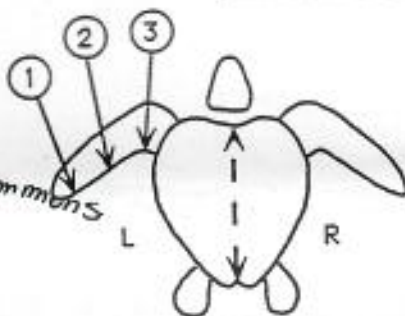
CARAPACE  
length 77.1 cm

ACTIVITY
<u>Nesting?</u>
laid..... 0
laid/dist..... 0
no lay..... 0

Fibropapillomas yes / no  
Lumps yes / no

WHY MORE THAN ONE CHAMBER?  
\_\_\_\_\_

CAUSE OF DISTURBANCE  
\_\_\_\_\_



CLUTCH DESTRUCTION
No. eggs dist _____
Tag No. _____
Date _____

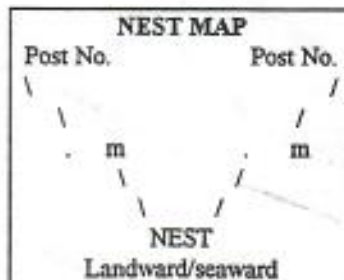
NEST AND CLUTCH DATA

Nest tag in nest yes / no  
Clutch relocation yes / no

NEST DEPTH  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

TEMPERATURE  
at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1 _____ x _____	_____
2 _____ x _____	_____
3 _____ x _____	_____
4 _____ x _____	_____
5 _____ x _____	_____
6 _____ x _____	_____
7 _____ x _____	_____
8 _____ x _____	_____
9 _____ x _____	_____
10 _____ x _____	_____

BLOOD SAMPLING DATA
IX number _____
Time _____
Time taken _____
Operator _____
Notes _____
RECORDERS
measured _____
recorded _____

Primary Tag K 57124

TURTLE RESEARCH - Nesting Turtles

entered  o


Tag No.	Posn
New	
Q 11298	x
Receipt	
K 57124	L3

Locality \_\_\_\_\_ Date 06/1/03. Time 2326. pm  
 Sector HI 8/9

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
 1 Chelonia  
 Q 11298.  
 -> g. Balazo.  


- COMMENSALS**
- Chelonia.....
  - Burrowing barnacles.....
  - Algae, thick.....
  - Mud, thick.....
  - Other.....
- DAMAGE**
- carapace.....
  - LFF.....
  - RFF.....
  - LHF.....
  - RHF.....

- NEST LOCATION**
- dune 2nd.....
  - dune 1st.....
  - grass slope.....
  - below slope.....
  - below HW.....
  - under tree.....
  - under shrub.....
  - in grass.....
  - in bare sand.....

- SPECIES**
- green.....
  - loggerhead.....
  - flatback.....
  - hawksbill.....
  - ridley.....
  - leatherback.....

**CARAPACE**  
 length \_\_\_\_\_ cm

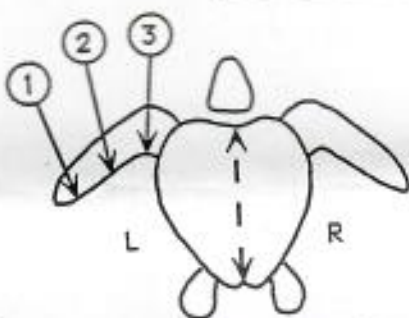
- ACTIVITY**
- laid.....
  - laid/dist.....
  - no lay.....

**CAUSE OF DISTURBANCE**  
 \_\_\_\_\_

**CLUTCH DESTRUCTION**  
 No. eggs dist \_\_\_\_\_  
 Tag No. \_\_\_\_\_  
 Date \_\_\_\_\_

Fibropapillomas yes / no  
 Lumps yes / no

**HOW MANY EGG CHAMBERS?** \_\_\_\_\_  
**WHY MORE THAN ONE CHAMBER?**  
 \_\_\_\_\_

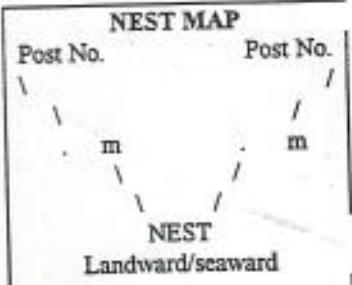


**NEST AND CLUTCH DATA**  
 Nest tag in nest yes / no  
 Clutch relocation yes / no

**NEST DEPTH**  
 Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

**TEMPERATURE**  
 at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

**RECORDERS**  
 measured \_\_\_\_\_  
 recorded \_\_\_\_\_

PRIMARY TAG K5356.

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New Q11300	X
Receipt K53556	L3

entered 0

Locality <sup>H1</sup> Sector 9/10 Date 6/1/03 Time 2338 am pm

PIT tag No.	Posn

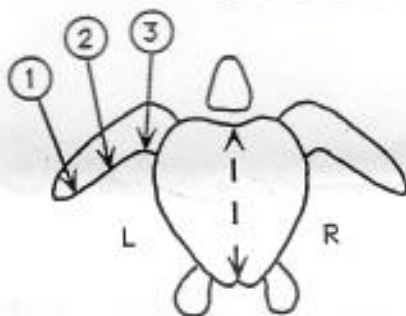
Tag scar/s	Posn

WEIGHT	kg

NOTES  
2 barnacles removed  
Q11300



<b>COMMENSALS</b>	<b>NEST LOCATION</b>	<b>SPECIES</b>
Chelonibia..... X	dune 2nd..... 0	green..... X
Burrowing	dune 1st..... X	loggerhead..... 0
barnacles..... 0	grass slope..... 0	flatback..... 0
Algae, thick..... 0	below slope..... 0	hawksbill..... 0
Mud, thick..... 0	below HW..... 0	ridley..... 0
Other	under tree..... 0	leatherback..... 0
<b>DAMAGE</b>	under shrub..... 0	<b>CARAPACE</b>
carapace..... 0	in grass..... 0	length 99.4 cm
LFF..... 0	in bare sand..... 0	<b>ACTIVITY</b>
RFF..... 0		body pitting
LHF..... 0	<b>HOW MANY EGG</b>	laid..... 0
RHF..... 0	<b>CHAMBERS?</b>	laid/dist..... 0
Fibropapillomas yes / no	<b>WHY MORE THAN</b>	no lay..... 0
Lumps yes / no	<b>ONE CHAMBER?</b>	



CAUSE OF DISTURBANCE

CLUTCH DESTRUCTION

No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

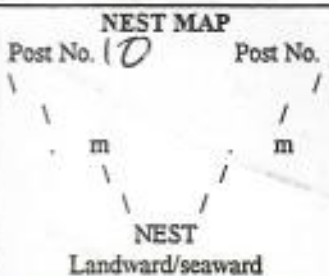
NEST AND CLUTCH DATA

Nest tag in nest yes / no  
Clutch relocation yes / no

NEST DEPTH  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

TEMPERATURE  
at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA

IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

RECORDERS  
measured JB  
recorded JM

Primary Tag K49171

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New	
Q 11297	X
Recpt	
K 49171	L3

entered o


Locality \_\_\_\_\_ am  
Sector HI 26 Date 06/1/03 Time 0041 pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
2 chelonibia  
Q 11297.  
→ g. Balago



COMMENSALS

- Chelonibia..... X
- Burrowing
- barnacles..... o
- Algae, thick..... o
- Mud, thick..... o
- Other

NEST LOCATION

- dune 2nd..... o
- dune 1st..... ✓
- grass slope..... o
- below slope..... o
- below HW..... o
- under tree..... o
- under shrub..... o

SPECIES

- green..... X
- loggerhead..... o
- flatback..... o
- hawksbill..... o
- ridley..... o
- leatherback..... o

DAMAGE

- carapace..... o
- LFF..... o
- RFF..... o
- LHF..... o
- RHF..... o

- in grass..... o
- in bare sand..... ✓

CARAPACE

length 115.5 cm

HOW MANY EGG CHAMBERS?

WHY MORE THAN ONE CHAMBER?

Fibropapillomas yes / no  
Lumps yes / no

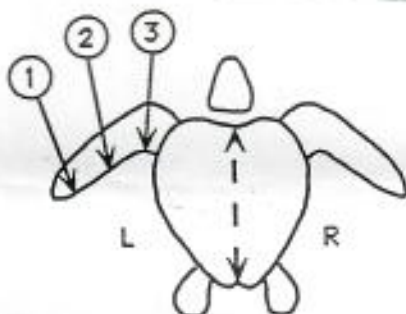
ACTIVITY

Nesting  
laid..... o  
laid/dist..... o  
no lay..... o

CAUSE OF DISTURBANCE

CLUTCH DESTRUCTION

No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_



NEST AND CLUTCH DATA

Nest tag in nest yes / no  
Clutch relocation yes / no

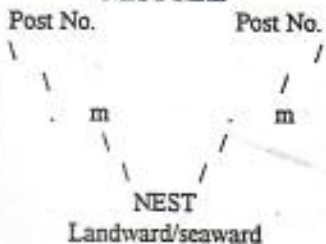
NEST DEPTH

Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

TEMPERATURE at 50cm \_\_\_\_\_ °C

NEST MAP



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA

IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

RECORDERS

measured \_\_\_\_\_  
recorded \_\_\_\_\_

Primary tag

K53241

~~53421~~

TURTLE RESEARCH - Nesting Turtles

entered o

Tag No.	Posn
New	
Q 11349	X
Recapt	
K 53241	L3
K 53526	R3

Locality H Date 10/1/03 Time 0252 <sup>PM</sup>  
 Sector 8/9 pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
*George Balazs*  
*5 Barnacles removed for genetics*  
 Q11349

- COMMENSALS
- Chelonibia..... X
  - Burrowing
  - barnacles..... o
  - Algae, thick..... o
  - Mud, thick..... o
  - Other
- DAMAGE
- carapace..... o
  - LFF..... o
  - RFF..... o
  - LHF..... o
  - RHF..... o
- NEST LOCATION
- dune 2nd..... o
  - dune 1st..... X
  - grass slope..... o
  - below slope..... o
  - below HW..... o
  - under tree..... X
  - under shrub..... o
  - in grass..... o
  - in bare sand..... o
- HOW MANY EGG CHAMBERS? \_\_\_\_\_

- SPECIES
- green..... X
  - loggerhead..... 0
  - flatback..... o
  - hawksbill..... o
  - ridley..... o
  - leatherback..... o

CARAPACE length 103.9 cm?

- ACTIVITY
- laid..... o
  - laid/dist..... o
  - no lay..... o

CAUSE OF DISTURBANCE

\_\_\_\_\_

CLUTCH DESTRUCTION

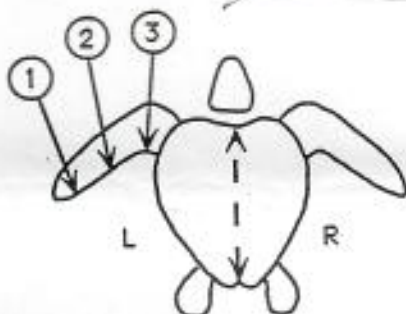
No. eggs dist \_\_\_\_\_

Tag No. \_\_\_\_\_

Date \_\_\_\_\_

Fibropapillomas yes / no  
 Lumps yes / no

WHY MORE THAN ONE CHAMBER?  
 \_\_\_\_\_



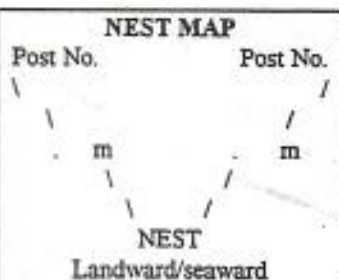
NEST AND CLUTCH DATA

Nest tag in nest yes / no  
 Clutch relocation yes / no

NEST DEPTH  
 Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

TEMPERATURE at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA

IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

RECORDERS

measured \_\_\_\_\_  
 recorded \_\_\_\_\_

Primary tag T1312.

TURTLE RESEARCH - Nesting Turtles

entered 0

Tag No.	Posm	
New		
Q	11348	X
Receipt		
T	66840	L3
T	66841	R3

Locality Sector H47/8 Date 10/1/03 Time 0237 (M) pm

PIT tag No.	Posm

Tag scar/s	Posm

WEIGHT	kg

NOTES  
*Barnacles (5) removed from Carapace  
 -> George Balazs  
 Q11348*



COMMENSALS

Chelonibia..... X  
 Burrowing barnacles..... 0  
 Algae, thick..... 0  
 Mud, thick..... 0  
 Other

NEST LOCATION

dune 2nd..... 0  
 dune 1st..... X  
 grass slope..... 0  
 below slope..... 0  
 below HW..... 0

SPECIES

green..... X  
 loggerhead..... 0  
 flatback..... 0  
 hawksbill..... 0  
 ridley..... 0  
 leatherback..... 0

DAMAGE

carapace..... 0  
 LFF..... 0  
 RFF..... 0  
 LHF..... 0  
 RHF..... 0

under tree..... X  
 under shrub..... 0  
 in grass..... 0  
 in bare sand..... 0

CARAPACE

length 109.7 cm

ACTIVITY

laid..... 0  
 laid/dist..... 0  
 no lay..... 0  
 ? X

HOW MANY EGG CHAMBERS?

WHY MORE THAN ONE CHAMBER?

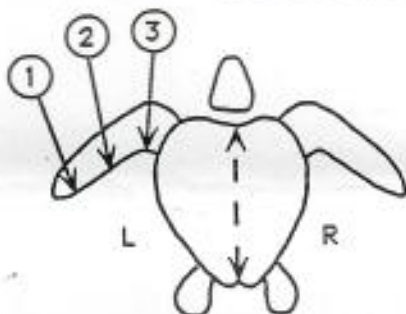
Fibropapillomas yes / no  
 Lumps yes / no

CAUSE OF DISTURBANCE

\_\_\_\_\_

CLUTCH DESTRUCTION

No. eggs dist \_\_\_\_\_  
 Tag No. \_\_\_\_\_  
 Date \_\_\_\_\_



NEST AND CLUTCH DATA

Nest tag in nest yes / no  
 Clutch relocation yes / no

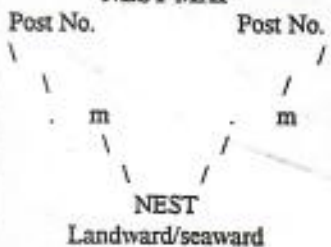
NEST DEPTH

Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

TEMPERATURE at 50cm \_\_\_\_\_ °C

NEST MAP



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA

IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

RECORDERS

measured \_\_\_\_\_  
 recorded \_\_\_\_\_



Primary Tag K49173

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New	
Q 11347	X
Recapt	
K 49173	L3
K 55592	R3


Locality \_\_\_\_\_ Date 8/1/03. Time \_\_\_\_\_ am pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
 2 chelonibia  
 Q11347  
 -> g. Balazo.



COMMENSALS

- Chelonibia..... X
- Burrowing.....
- barnacles..... 0
- Algae, thick..... 0
- Mud, thick..... 0
- Other.....

NEST LOCATION

- dune 2nd..... 0
- dune 1st..... X
- grass slope..... 0
- below slope..... 0
- below HW..... 0
- under tree..... X
- under shrub..... 0

SPECIES

- green..... X
- loggerhead..... 0
- flatback..... 0
- hawksbill..... 0
- ridley..... 0
- leatherback..... 0

DAMAGE

- carapace..... 0
- LFF..... 0
- RFF..... 0
- LHF..... 0
- RHF..... 0

- in grass..... 0
- in bare sand..... 0

CARAPACE

length 106.4 cm

ACTIVITY

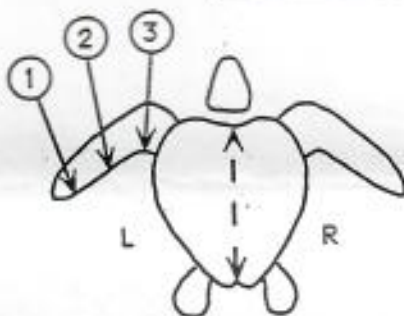
- laid..... 0
- laid/dist..... 0
- no lay..... 0

HOW MANY EGG CHAMBERS? \_\_\_\_\_

WHY MORE THAN ONE CHAMBER? \_\_\_\_\_

Fibropapillomas yes / no  
 Lumps yes / no

CAUSE OF DISTURBANCE \_\_\_\_\_



CLUTCH DESTRUCTION

No. eggs dist \_\_\_\_\_  
 Tag No. \_\_\_\_\_  
 Date \_\_\_\_\_

NEST AND CLUTCH DATA

Nest tag in nest yes / no  
 Clutch relocation yes / no

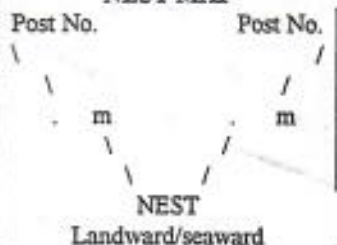
NEST DEPTH

Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

TEMPERATURE at 50cm \_\_\_\_\_ °C

NEST MAP



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA

IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

RECORDERS

measured \_\_\_\_\_  
 recorded \_\_\_\_\_

Primary Tag T5152

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New	
Q 11346 X.	
Recapt	
K 12468 L3	

entered 0

Locality \_\_\_\_\_ am  
Sector HT 10 Date 7/1/03 Time 0012 pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
*Chelonibia*  
 Tail + 1 from head  
 → G. Balazo.  
 Q11346



COMMENSALS

- Chelonibia.....
- Burrowing barnacles.....
- Algae, thick.....
- Mud, thick.....
- Other

NEST LOCATION

- dune 2nd.....
- dune 1st.....
- grass slope.....
- below slope.....
- below HW.....
- under tree.....
- under shrub.....
- in grass.....
- in bare sand.....

SPECIES

- green.....
- loggerhead.....
- flatback.....
- hawksbill.....
- ridley.....
- leatherback.....

DAMAGE

- carapace.....
- LFF.....
- RFF.....
- LHF.....
- RHF.....

CARAPACE

length 105.1 cm

ACTIVITY

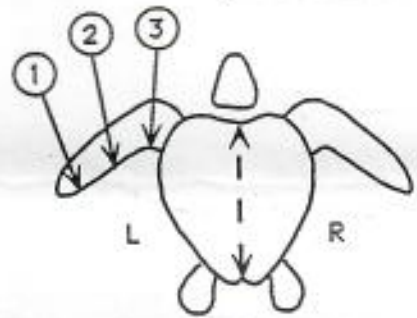
- laid.....
- laid/dist.....
- no lay.....

HOW MANY EGG CHAMBERS? \_\_\_\_\_

WHY MORE THAN ONE CHAMBER? \_\_\_\_\_

Fibropapillomas yes / no  
Lumps yes / no

CAUSE OF DISTURBANCE \_\_\_\_\_



CLUTCH DESTRUCTION

No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

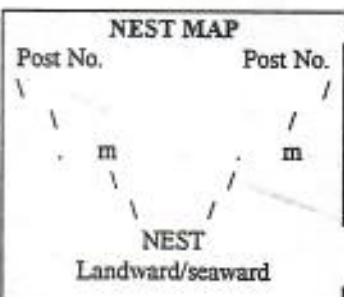
NEST AND CLUTCH DATA

Nest tag in nest yes / no  
Clutch relocation yes / no

NEST DEPTH  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

TEMPERATURE at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA

IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

RECORDERS

measured \_\_\_\_\_  
recorded \_\_\_\_\_

Primary tag K 57435

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New	
Q 11345 X	
Recapt	
K 57435 R3	


entered 0

Locality \_\_\_\_\_ am  
Sector HI 10 Date 7/1/03 Time \_\_\_\_\_ pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
2 Chelonia  
Q 11345  
→ S. Balazo.  


**COMMENSALS**  
Chelonia..... 0  
Burrowing..... 0  
barnacles..... 0  
Algae, thick..... 0  
Mud, thick..... 0  
Other..... 0

**NEST LOCATION**

dune 2nd..... 0  
dune 1st..... 0  
grass slope..... 0  
below slope..... 0  
below HW..... 0  
under tree..... 0  
under shrub..... 0

**SPECIES**  
green..... X  
loggerhead..... 0  
flatback..... 0  
hawksbill..... 0  
ridley..... 0  
leatherback..... 0

**DAMAGE**

carapace..... 0  
LFF..... 0  
RFF..... 0  
LHF..... 0  
RHF..... 0

**CARAPACE**  
length 95.4 cm

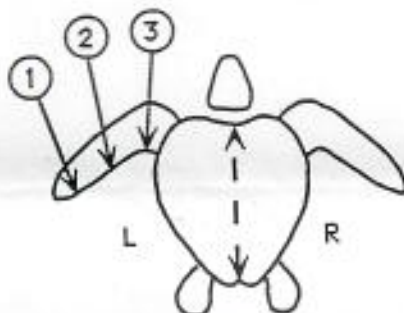
**ACTIVITY**

laid..... 0  
laid/dist..... 0  
no lay..... 0

Fibropapillomas yes / no  
Lumps yes / no

**HOW MANY EGG CHAMBERS?**

**WHY MORE THAN ONE CHAMBER?**



**CAUSE OF DISTURBANCE**

**CLUTCH DESTRUCTION**

No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

**NEST AND CLUTCH DATA**

Nest tag in nest yes / no  
Clutch relocation yes / no

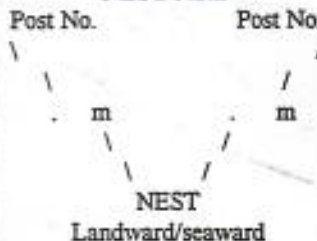
**NEST DEPTH**

Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

**TEMPERATURE**  
at 50cm \_\_\_\_\_ °C

**NEST MAP**



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

EX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

**RECORDERS**

measured \_\_\_\_\_  
recorded \_\_\_\_\_

Primary Tag K 105

TURTLE RESEARCH - Nesting Turtles


Tag No.	Posn
New	
Q 11344	X
Recapt	
K 5184	L3
K 57466	LH

Locality \_\_\_\_\_ entered o  
 Sector HI Date 7/1/03 Time \_\_\_\_\_ am  
 pm

PIT tag No.	Posn

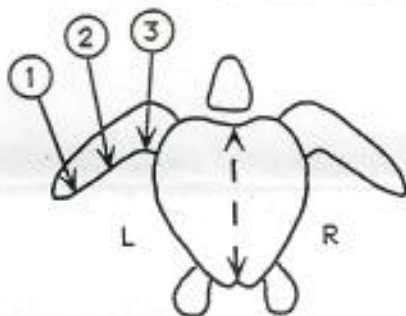
Tag scar/s	Posn

WEIGHT	kg

NOTES  
 2 chelonibia  
 Q 11344.  
 → G. Balazo.  


<b>COMMENSALS</b>	<b>NEST LOCATION</b>	<b>SPECIES</b>
Chelonibia..... X	dune 2nd..... 0	green..... X
Burrowing	dune 1st..... 0	loggerhead..... 0
barnacles..... 0	grass slope..... 0	flatback..... 0
Algae, thick..... 0	below slope..... 0	hawksbill..... 0
Mud, thick..... 0	below HW..... 0	ridley..... 0
Other	under tree..... 0	leatherback..... 0
	under shrub..... 0	
<b>DAMAGE</b>	in grass..... 0	<b>CARAPACE</b>
carapace..... 0	in bare sand..... 0	length 103-7 cm
LFF..... 0		
RFF..... 0	<b>HOW MANY EGG</b>	<b>ACTIVITY</b>
LHF..... 0	<b>CHAMBERS?</b> _____	laid..... 0
RHF..... 0		laid/dist..... 0

Fibropapillomas yes / no  
 Lumps yes / no  
**WHY MORE THAN ONE CHAMBER?**  
 \_\_\_\_\_



**CAUSE OF DISTURBANCE**  
 \_\_\_\_\_

**CLUTCH DESTRUCTION**  
 No. eggs dist \_\_\_\_\_  
 Tag No. \_\_\_\_\_  
 Date \_\_\_\_\_

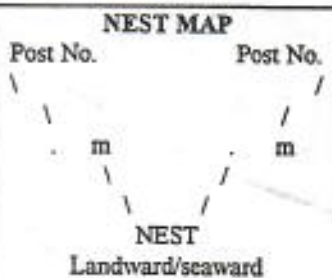
**NEST AND CLUTCH DATA**

Nest tag in nest yes / no  
 Clutch relocation yes / no

**NEST DEPTH**  
 Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

**TEMPERATURE**  
 at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

**RECORDERS**  
 measured \_\_\_\_\_  
 recorded \_\_\_\_\_

entered *60*

Tag No.	Posn
New <i>Q11317</i>	<i>(60)</i>
Receipt <i>Q11299 X</i>	
<i>K 53405 A3</i>	

Locality \_\_\_\_\_ am  
Sector *HE 22/23* Date *6/1/03* Time *01:27* pm

PIT tag No.	Posn

Tag scan/s	Posn

WEIGHT	kg

NOTES  
*Healthy Skin*  
*① shoulder*  
*Q11317*  
*also removed 2 Chelonibia*  
*Barnacles 7g. Balys*  
*Q11299*

COMMENSALS	NEST LOCATION	SPECIES
Chelonibia..... <i>X</i>	dune 2nd..... 0	green..... <i>X</i>
Burrowing	dune 1st..... <i>X</i>	loggerhead..... 0
barnacles..... 0	grass slope..... 0	flatback..... 0
Algae, thick..... 0	below slope..... 0	hawkbill..... 0
Mud, thick..... 0	below HW..... 0	ridley..... 0
Other		leatherback..... 0
	under tree..... 0	
	under shrub..... 0	

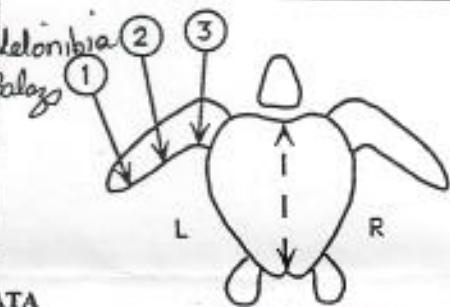
DAMAGE		CARAPACE
carapace..... 0	in grass..... 0	length <i>101.5</i> cm
LFF..... 0	in bare sand..... <i>X</i>	
RFF..... 0		
LHF..... 0		
RHF..... 0		

Fibropapillomas	yes / no	WHY MORE THAN ONE CHAMBER?
Lumps	yes / no	

ACTIVITY	
Body pitting..... <i>0</i>	
laid..... <i>0</i>	
laid/dist..... <i>0</i>	
no lay..... <i>0</i>	

CAUSE OF DISTURBANCE  
\_\_\_\_\_  
\_\_\_\_\_

CLUTCH DESTRUCTION  
No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

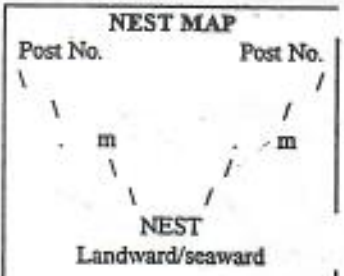


NEST AND CLUTCH DATA  
Nest tag in nest yes / no  
Clutch relocation yes / no

NEST DEPTH  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

TEMPERATURE  
at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	<i>X</i>
2	<i>X</i>
3	<i>X</i>
4	<i>X</i>
5	<i>X</i>
6	<i>X</i>
7	<i>X</i>
8	<i>X</i>
9	<i>X</i>
10	<i>X</i>

BLOOD SAMPLING DATA

IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

RECORDERS  
measured \_\_\_\_\_  
recorded \_\_\_\_\_

Primary Tag K 105

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New	
Recapt	
K 5184	L3
R 57466	LH


Locality \_\_\_\_\_ Date 7/1/03 Time \_\_\_\_\_ am/pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

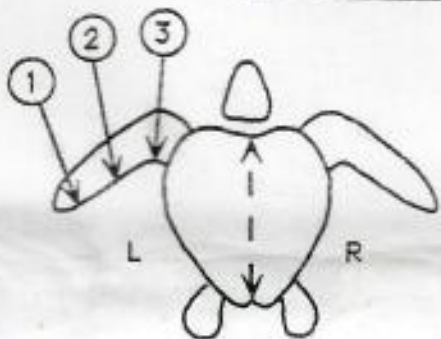
NOTES  
 2 chelonibia  
 → ♀ Balazo.



COMMENSALS	NEST LOCATION	SPECIES
Chelonibia..... <input checked="" type="checkbox"/>	dune 2nd..... <input type="checkbox"/>	green..... <input checked="" type="checkbox"/>
Burrowing	dune 1st..... <input type="checkbox"/>	loggerhead..... <input type="checkbox"/>
barnacles..... <input type="checkbox"/>	grass slope..... <input type="checkbox"/>	flatback..... <input type="checkbox"/>
Algae, thick..... <input type="checkbox"/>	below slope..... <input type="checkbox"/>	hawksbill..... <input type="checkbox"/>
Mud, thick..... <input type="checkbox"/>	below HW..... <input type="checkbox"/>	ridley..... <input type="checkbox"/>
Other		leatherback..... <input type="checkbox"/>
	under tree..... <input type="checkbox"/>	
	under shrub..... <input type="checkbox"/>	
DAMAGE		CARAPACE
carapace..... <input type="checkbox"/>	in grass..... <input type="checkbox"/>	length <u>103.7</u> cm
LFF..... <input type="checkbox"/>	in bare sand..... <input type="checkbox"/>	
RFF..... <input type="checkbox"/>		
LHF..... <input type="checkbox"/>		
RHF..... <input type="checkbox"/>		
		ACTIVITY
		laid..... <input type="checkbox"/>
		laid/dist..... <input type="checkbox"/>
		no lay..... <input type="checkbox"/>
		CAUSE OF DISTURBANCE
		_____
		_____
		CLUTCH DESTRUCTION
		No. eggs dist _____
		Tag No. _____
		Date _____

Fibropapillomas yes / no  
 Lumps yes / no

HOW MANY EGG CHAMBERS? \_\_\_\_\_  
 WHY MORE THAN ONE CHAMBER? \_\_\_\_\_

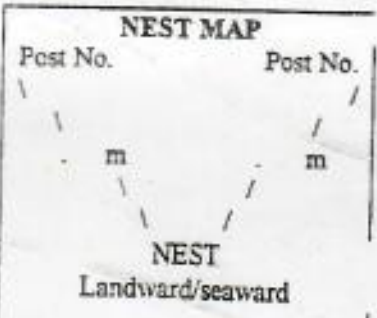


NEST AND CLUTCH DATA  
 Nest tag in nest yes / no  
 Clutch relocation yes / no

Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

NEST DEPTH  
 Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

TEMPERATURE  
 at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA

IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

RECORDERS  
 measured \_\_\_\_\_  
 recorded \_\_\_\_\_

NO Q No's entered due to lack of No's  
 Primary tag K 57435

**TURTLE RESEARCH - Nesting Turtles**

Tag No.	Post
New	
Recapt	
K 57435 R3	


entered 0

Locality  
 Sector HI 10 Date 7/1/03 Time am pm

PIT tag No.	Post

Tag scar/s	Post

WEIGHT	kg

**NOTES**  
 2 Chelonia  
 → g. Balazo.  


<b>COMMENSALS</b>	<b>NEST LOCATION</b>
Chelonia..... 0	dune 2nd..... 0
Burrowing	dune 1st..... 0
barnacles..... 0	grass slope..... 0
Algae, thick..... 0	below slope..... 0
Mud, thick..... 0	below HW..... 0
Other	under tree..... 0
	under shrub..... 0
<b>DAMAGE</b>	carapace..... 0
carapace..... 0	in grass..... 0
LFF..... 0	in bare sand..... 0
RFF..... 0	
LHF..... 0	
RHF..... 0	

<b>SPECIES</b>	
green.....	X
loggerhead.....	0
flatback.....	0
hawksbill.....	0
ridley.....	0
leatherback.....	0

<b>HOW MANY EGG CHAMBERS?</b>	
<b>WHY MORE THAN ONE CHAMBER?</b>	
Fibropapillomas yes/no	
Lumps yes/no	

<b>CARAPACE</b>	
length 95.4 cm	
<b>ACTIVITY</b>	
laid.....	0
laid/dist.....	0
no lay.....	0

**CAUSE OF DISTURBANCE**

\_\_\_\_\_

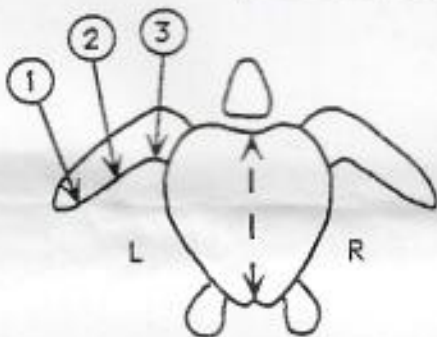
\_\_\_\_\_

**CLUTCH DESTRUCTION**

No. eggs dist \_\_\_\_\_

Tag No. \_\_\_\_\_

Date \_\_\_\_\_



**NEST AND CLUTCH DATA**

Nest tag in nest yes/no \_\_\_\_\_

Clutch relocation yes/no \_\_\_\_\_

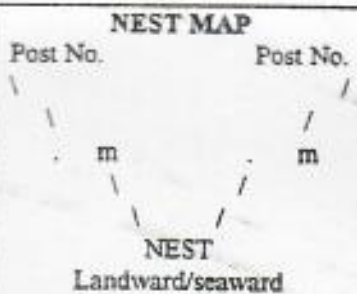
**NEST DEPTH**

Top \_\_\_\_\_ cm

Bottom \_\_\_\_\_ cm

**TEMPERATURE**

at 50cm \_\_\_\_\_ °C



Clutch count \_\_\_\_\_

Yolkless eggs \_\_\_\_\_

Multiyolk eggs \_\_\_\_\_

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_

Time \_\_\_\_\_

Time taken \_\_\_\_\_

Operator \_\_\_\_\_

Notes \_\_\_\_\_

EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**RECORDERS**

measured \_\_\_\_\_

recorded \_\_\_\_\_

No ♀ NO's Due to lack of NO's

Primary Tag T5152

TURTLE RESEARCH - Nesting Turtles

Tag No.	Postn.
New	
Recapt	
K 12468	L3

Locality \_\_\_\_\_ entered 0  
 Sector HT 10 Date 7/1/03 Time 0612 am/pm

PIT tag No.	Postn.

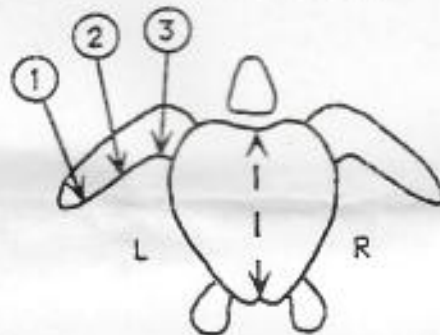
Tag scar/s	Postn.

WEIGHT	kg

**NOTES**  
 Chelonibia  
 trail + 1 from head  
 → G. Balazo.



<b>COMMENSALS</b>	<b>NEST LOCATION</b>	<b>SPECIES</b>
Chelonibia..... <input checked="" type="checkbox"/>	dune 2nd..... 0	green..... <input checked="" type="checkbox"/>
Burrowing	dune 1st..... <input checked="" type="checkbox"/>	loggerhead..... <input checked="" type="checkbox"/>
barnacles..... 0	grass slope..... 0	flatback..... 0
Algae, thick..... 0	below slope..... 0	hawksbill..... 0
Mud, thick..... 0	below HW..... 0	ridley..... 0
Other		leatherback..... 0
<b>DAMAGE</b>	under tree..... <input checked="" type="checkbox"/>	<b>CARAPACE</b>
carapace..... 0	under shrub..... 0	length 105.1 cm
LFF..... 0	in grass..... 0	
RFF..... 0	in bare sand..... 0	
LHF..... 0		<b>ACTIVITY</b>
RHF..... 0	<b>HOW MANY EGG CHAMBERS?</b> _____	laid..... 0
Fibropapillomas yes/no	<b>WHY MORE THAN ONE CHAMBER?</b> _____	laid/dist..... 0
Lumps yes/no		no lay..... 0



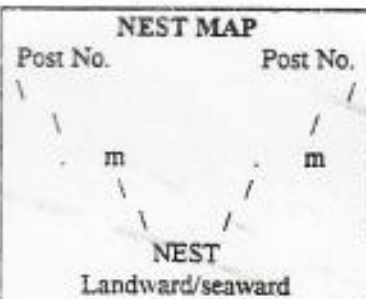
**NEST AND CLUTCH DATA**

Nest tag in nest yes / no  
 Clutch relocation yes / no

**NEST DEPTH**  
 Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

**TEMPERATURE**  
 at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

**RECORDERS**

measured \_\_\_\_\_  
 recorded \_\_\_\_\_



NO Q NO's due to lack of NO's  
 Primary Tag 49173

**TURTLE RESEARCH - Nesting Turtles**

Tag No.	Posn
New	
Recapt	
K 49173	L3
K 55592	R3

entered o

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

**NOTES**  
 2 chelonibia  
 -> G. Balogo  


Locality Sector HT 12 Date 8/1/03 Time \_\_\_\_\_ am/pm

**COMMENSALS**

Chelonibia.....   
 Burrowing barnacles..... 0  
 Algae, thick..... 0  
 Mud, thick..... 0  
 Other

**NEST LOCATION**

dune 2nd..... 0  
 dune 1st.....   
 grass slope..... 0  
 below slope..... 0  
 below HW..... 0  
 under tree.....   
 under shrub..... 0

**SPECIES**

green.....   
 loggerhead..... 0  
 flatback..... 0  
 hawksbill..... 0  
 ridley..... 0  
 leatherback..... 0

**DAMAGE**

carapace..... 0  
 LFF..... 0  
 RFF..... 0  
 LHF..... 0  
 RHF..... 0

in grass..... 0  
 in bare sand..... 0

**CARAPACE**

length 106.4 cm

**ACTIVITY**

laid..... 0  
 laid/dist..... 0  
 no lay..... 0

Fibropapillomas yes/no  
 Lumps yes/no

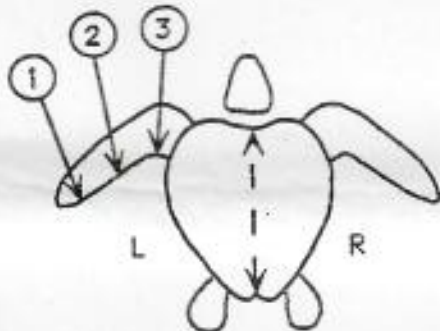
**HOW MANY EGG CHAMBERS?** \_\_\_\_\_

**WHY MORE THAN ONE CHAMBER?** \_\_\_\_\_

**CAUSE OF DISTURBANCE**

**CLUTCH DESTRUCTION**

No. eggs dist \_\_\_\_\_  
 Tag No. \_\_\_\_\_  
 Date \_\_\_\_\_



**NEST AND CLUTCH DATA**

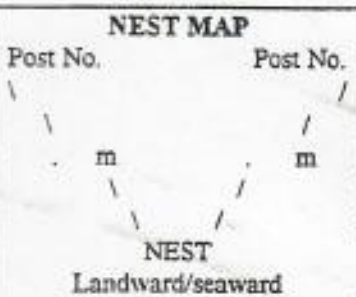
Nest tag in nest yes/no  
 Clutch relocation yes/no

**NEST DEPTH**

Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

**TEMPERATURE**  
 at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number  
 Time  
 Time taken  
 Operator  
 Notes

**RECORDERS**

measured \_\_\_\_\_  
 recorded \_\_\_\_\_

Primary Tag T1312

NO Q Tags due to lack of 100's

TURTLE RESEARCH - Nesting Turtles

entered 0

Tag No.	Postn
New	
Recapt	
T 66840	L3
T 66841	R3

Locality Sector HH 7/8 Date 10/1/03 Time 0237 pm

PIT tag No.	Postn

Tag scar/s	Postn

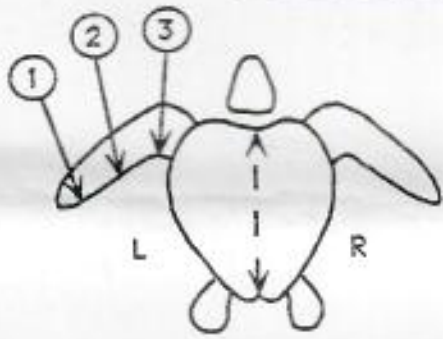
WEIGHT	kg

**NOTES**

Barnacles (5) removed from carapace  
 -> George Balazs



<b>COMMENSALS</b>	<b>NEST LOCATION</b>	<b>SPECIES</b>
Chelonibia..... <input checked="" type="checkbox"/>	dune 2nd..... 0	green..... <input checked="" type="checkbox"/>
Burrowing	dune 1st..... <input checked="" type="checkbox"/>	loggerhead..... 0
barnacles..... 0	grass slope..... 0	flatback..... 0
Algae, thick..... 0	below slope..... 0	hawksbill..... 0
Mud, thick..... 0	below HW..... 0	ridley..... 0
Other	under tree..... <input checked="" type="checkbox"/>	leatherback..... 0
	under shrub..... 0	
<b>DAMAGE</b>	in grass..... 0	<b>CARAPACE</b>
carapace..... 0	in bare sand..... 0	length <u>109.7</u> cm
LFF..... 0		
RFF..... 0		<b>ACTIVITY</b>
LHF..... 0	<b>HOW MANY EGG CHAMBERS?</b>	laid..... 0
RHF..... 0		laid/dist..... 0
	<b>WHY MORE THAN ONE CHAMBER?</b>	no lay..... 0
		?
		<input checked="" type="checkbox"/>



**NEST AND CLUTCH DATA**

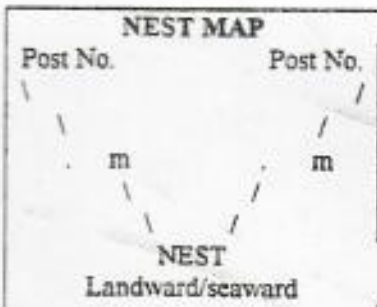
Nest tag in nest yes / no  
 Clutch relocation yes / no

Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

**NEST DEPTH**

Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

**TEMPERATURE**  
 at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

**RECORDERS**

measured \_\_\_\_\_  
 recorded \_\_\_\_\_

Pumazy tag

53241  
~~53241~~

NO ♀ NO'S due to lack of NO'S

**TURTLE RESEARCH - Nesting Turtles**

entered 0

Tag No.	Postn
New	
Recapt	
K 53241	L3
K 55526	R3

Locality H1 Date 10/1/03 Time 0252  am  pm  
Sector 8/9

PIT tag No.	Postn

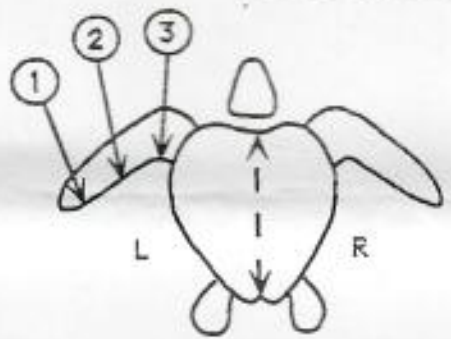
Tag scar/s	Postn

WEIGHT	kg

**NOTES**  
George Balago  
5 barnacles removed for genetics

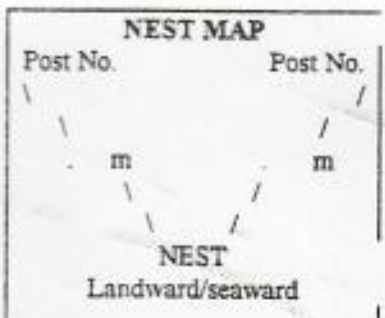


<b>COMMENSALS</b>	<b>NEST LOCATION</b>	<b>SPECIES</b>
Chelonibia..... <input checked="" type="checkbox"/>	dune 2nd..... 0	green..... <input checked="" type="checkbox"/>
Burrowing barnacles..... 0	dune 1st..... <input checked="" type="checkbox"/>	loggerhead..... 0
Algae, thick..... 0	grass slope..... 0	flatback..... 0
Mud, thick..... 0	below slope..... 0	hawksbill..... 0
Other	below HW..... 0	ridley..... 0
	under tree..... <input checked="" type="checkbox"/>	leatherback..... 0
	under shrub..... 0	
<b>DAMAGE</b>	in grass..... 0	<b>CARAPACE</b>
carapace..... 0	in bare sand..... 0	length <u>103.9</u> cm ?
LFF..... 0		
RFF..... 0		
LHF..... 0	<b>HOW MANY EGG CHAMBERS?</b>	<b>ACTIVITY</b>
RHF..... 0	_____	laid..... 0
		laid/dist..... 0
Fibropapillomas yes/no	<b>WHY MORE THAN ONE CHAMBER?</b>	no lay..... 0
Lumps yes/no	_____	



**NEST AND CLUTCH DATA**  
Nest tag in nest yes/no  
Clutch relocation yes/no  
  
Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

**NEST DEPTH**  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm  
  
**TEMPERATURE**  
at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**  
IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

**RECORDERS**  
measured \_\_\_\_\_  
recorded \_\_\_\_\_

Primary Tag K49171

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New	
Q 11297	X
Recpt	
K 49171	L3

entered 0


Locality \_\_\_\_\_ am  
Sector HI 26 Date 06/10/03 Time 0041 pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
2 chelonibia  
Q 11297.  
→ g. Balays

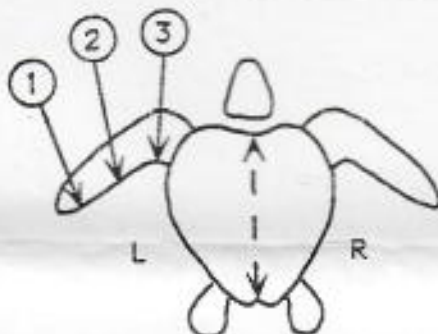


COMMENSALS	NEST LOCATION	SPECIES
Chelonibia..... X	dune 2nd..... 0	green..... X
Burrowing	dune 1st..... 0	loggerhead..... 0
barnacles..... 0	grass slope..... 0	flatback..... 0
Algae, thick..... 0	below slope..... 0	hawksbill..... 0
Mud, thick..... 0	below HW..... 0	ridley..... 0
Other		leatherback..... 0

DAMAGE	CARAPACE
carapace..... 0	length 115.5 cm
LFF..... 0	
RFF..... 0	
LHF..... 0	
RHF..... 0	

HOW MANY EGG CHAMBERS?	ACTIVITY
laid..... 0	Making
laid/dist..... 0	
no lay..... 0	

Fibropapillomas	Lumps	WHY MORE THAN ONE CHAMBER?
yes / no	yes / no	

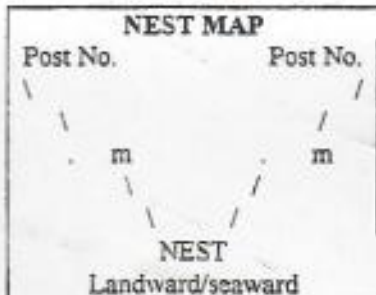


CAUSE OF DISTURBANCE  
\_\_\_\_\_  
\_\_\_\_\_

CLUTCH DESTRUCTION  
No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

NEST AND CLUTCH DATA  
Nest tag in nest yes / no  
Clutch relocation yes / no

NEST DEPTH  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm



Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

TEMPERATURE  
at 50cm \_\_\_\_\_ °C

EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA  
IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

RECORDERS  
measured \_\_\_\_\_  
recorded \_\_\_\_\_

PRIMARY TAG K5356

TURTLE RESEARCH - Nesting Turtles

Tag No.	Postn
New <u>Q11300</u>	<u>X</u>
Recapt <u>K535623</u>	

entered 0


Locality H11 Date 6/1/03 Time 2338 am/pm

FIT tag No.	Postn

Tag scar/s	Postn

WEIGHT	kg

NOTES  
 2 barnacles removed  
 Q11300



COMMENSALS	NEST LOCATION	SPECIES
Chelonibia..... <u>X</u>	dune 2nd..... 0	green..... <u>X</u>
Burrowing barnacles..... 0	dune 1st..... <u>X</u>	loggerhead..... 0
Algae, thick..... 0	grass slope..... 0	flatback..... 0
Mud, thick..... 0	below slope..... 0	hawksbill..... 0
Other..... 0	below HW..... 0	ridley..... 0
	under tree..... 0	leatherback..... 0

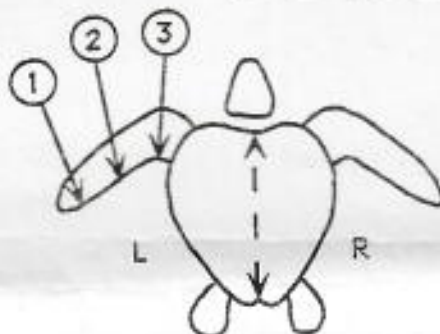
DAMAGE	CARAPACE
carapace..... 0	length <u>99.4</u> cm
LFF..... 0	
RFF..... 0	
LHF..... 0	
RHF..... 0	

HOW MANY EGG CHAMBERS?	ACTIVITY
	<u>body pitting</u>
	laid..... 0
	laid/dist..... 0
	no lay..... 0

Fibropapillomas yes / no  
 Lumps yes / no

WHY MORE THAN ONE CHAMBER?  
 \_\_\_\_\_

CAUSE OF DISTURBANCE  
 \_\_\_\_\_



CLUTCH DESTRUCTION  
 No. eggs dist \_\_\_\_\_  
 Tag No. \_\_\_\_\_  
 Date \_\_\_\_\_

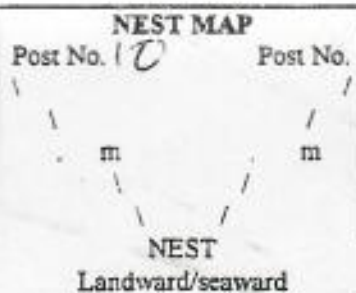
NEST AND CLUTCH DATA

Nest tag in nest yes / no  
 Clutch relocation yes / no

NEST DEPTH  
 Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
 Yolkiess eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

TEMPERATURE at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	<u>x</u>
2	<u>x</u>
3	<u>x</u>
4	<u>x</u>
5	<u>x</u>
6	<u>x</u>
7	<u>x</u>
8	<u>x</u>
9	<u>x</u>
10	<u>x</u>

BLOOD SAMPLING DATA

IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

RECORDERS  
 measured JB  
 recorded JM

Primary Tag K 57124

**TURTLE RESEARCH - Nesting Turtles**

Tag No.	Posn
New	
Q 11298	X
Recapt	
K 57124	A3

entered 0


Locality \_\_\_\_\_ am  
Sector HI 8/9 Date 06/1/03. Time 2326 pm

PIT tag No.	Posn

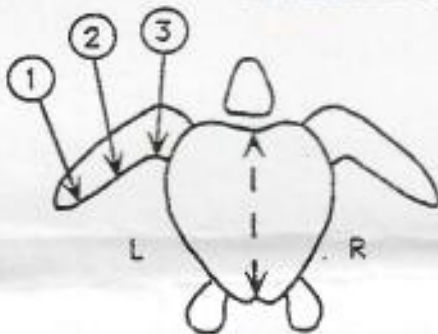
Tag scar/s	Posn

<b>WEIGHT</b>	kg

**NOTES**  
1 Chelonibia  
Q 11298  
→ g. Balego.



<b>COMMENSALS</b>	<b>NEST LOCATION</b>	<b>SPECIES</b>
Chelonibia..... X	dune 2nd..... 0	green..... X
Burrowing	dune 1st..... *	loggerhead..... 0
barnacles..... 0	grass slope..... 0	flatback..... 0
Algae, thick..... 0	below slope..... 0	hawksbill..... 0
Mud, thick..... 0	below HW..... 0	ridley..... 0
Other		leatherback..... 0
	under tree..... X	
<b>DAMAGE</b>	under shrub..... 0	<b>CARAPACE</b>
carapace..... 0	in grass..... 0	length _____ cm
LFF..... 0	in bare sand..... 0	
RFF..... 0		<b>ACTIVITY</b>
LHF..... 0	<b>HOW MANY EGG CHAMBERS?</b> _____	laid..... 0
RHF..... 0	<b>WHY MORE THAN ONE CHAMBER?</b> _____	laid/dist..... 0
Fibropapillomas yes/no		no lay..... 0
Lumps yes/no		



**CAUSE OF DISTURBANCE**

\_\_\_\_\_

\_\_\_\_\_

**CLUTCH DESTRUCTION**

No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

**NEST AND CLUTCH DATA**

Nest tag in nest yes/no \_\_\_\_\_  
Clutch relocation yes/no \_\_\_\_\_

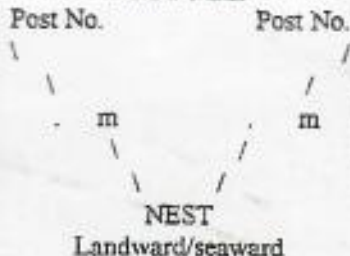
**NEST DEPTH**

Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

**TEMPERATURE**  
at 50cm \_\_\_\_\_ °C

**NEST MAP**



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

**RECORDERS**

measured \_\_\_\_\_  
recorded \_\_\_\_\_

PRIMARY TAG 788397

TURTLE RESEARCH - Nesting Turtles

entered 0

Tag No.	Postn
New Q11314	<input checked="" type="checkbox"/>
Q11315	<input checked="" type="checkbox"/>
Recapt 788397	L3
K18756	R3

Locality H1  
Sector 61/62

Date 5-1-03


Time 0147 <sup>am</sup>/<sub>pm</sub>

PIT tag No.	Postn

Tag scar/s	Postn

WEIGHT	kg

**NOTES**  
lump removed  
TUMOR SKIN  
Q11314  
TUMOR  
Q11315



COMMENSALS	NEST LOCATION	SPECIES
Chelonibia..... 0	dune 2nd..... 0	green..... <input checked="" type="checkbox"/>
Burrowing barnacles..... 0	dune 1st..... 0	loggerhead..... 0
Algae, thick..... 0	grass slope..... 0	flatback..... 0
Mud, thick..... 0	below slope..... 0	hawksbill..... 0
Other	below HW..... <input checked="" type="checkbox"/>	ridley..... 0
	under tree..... 0	leatherback..... 0
	under shrub..... 0	
<b>DAMAGE</b>		
carapace..... 0	in grass..... 0	
LFF..... <input checked="" type="checkbox"/>	in bare sand..... 0	
RFF..... 0		
LHF..... 0		
RHF..... 0		

**CARAPACE**  
length 111.2 cm

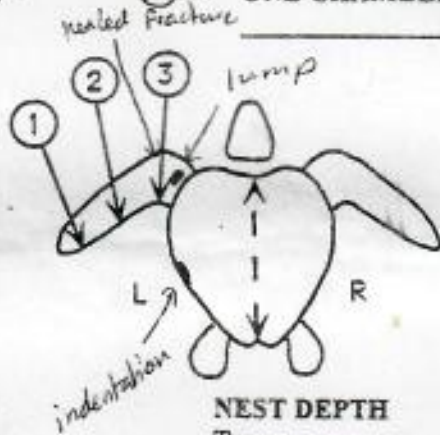
**ACTIVITY**  
laid..... 0  
laid/dist..... 0  
no lay..... 0

**CAUSE OF DISTURBANCE**

**CLUTCH DESTRUCTION**  
No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

**WHY MORE THAN ONE CHAMBER?**

Fibropapillomas yes/no  
Lumps  yes  no

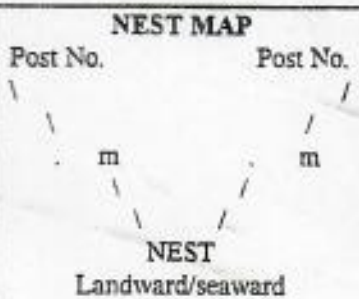


**NEST AND CLUTCH DATA**  
Nest tag in nest yes/no  
Clutch relocation yes/no

**NEST DEPTH**  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

**TEMPERATURE**  
at 50cm \_\_\_\_\_ °C

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**  
IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

**RECORDERS**  
measured \_\_\_\_\_  
recorded \_\_\_\_\_

Another biopsy taken 1/7/03  
OF same turtle measured CCL 110.1cm

Primary Tag K 53312.

TURTLE RESEARCH - Nesting Turtles

entered 0

Tag No.	Posn
New	
See Below.	
Receipt	
K 53312 L3	
K 53313 R3	

Locality HI am  
Sector 11/12 Date 18/01/03 Time 23:29 pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

**COMMENSALS**

Chelonibia.....  dune 2nd..... 0  
Burrowing barnacles..... 0 dune 1st.....   
Algae, thick..... 0 grass slope..... 0  
Mud, thick..... 0 below slope..... 0  
Other below HW..... 0

**NEST LOCATION**

under tree..... 0  
under shrub..... 0  
in grass..... 0  
in bare sand.....

**SPECIES**

green..... 0  
loggerhead.....   
flatback..... 0  
hawksbill..... 0  
ridley..... 0  
leatherback..... 0

**DAMAGE**

carapace..... 0  
LFF..... 0  
RFF..... 0  
LHF..... 0  
RHF..... 0

**HOW MANY EGG CHAMBERS?**

**CARAPACE**

length \_\_\_\_\_ cm

**ACTIVITY**

laid.....   
laid/dist..... 0  
no lay..... 0

**WHY MORE THAN ONE CHAMBER?**

Fibropapillomas  yes  no  
Lumps  yes  no

**CAUSE OF DISTURBANCE**

**NOTES**

Biopsied

Q11338 - 2x (L) shoulder

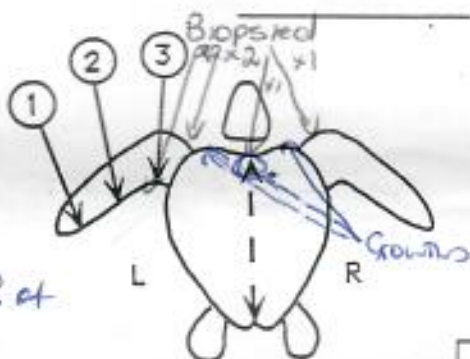
Q11339 - 1x (R) shoulder

Q11340 - 1x growth (L) front flipper

Q11341 - 1x growth (L) front flipper

Q11342 - Removed growth front (L) flipper + retained ~ 3x5x1 cm

Q11343 - 1x Carapace Margin? at growths.



**CLUTCH DESTRUCTION**

No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

**NEST AND CLUTCH DATA**

Nest tag in nest yes / no \_\_\_\_\_  
Clutch relocation yes / no \_\_\_\_\_

**NEST DEPTH**

Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

**TEMPERATURE**

at 50cm \_\_\_\_\_ °C

**NEST MAP**

Post No. \_\_\_\_\_ Post No. \_\_\_\_\_

m m

NEST

Landward/seaward

EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

**RECORDERS**

measured \_\_\_\_\_  
recorded \_\_\_\_\_



TURTLE RESEARCH - Nesting Turtles

entered 0

Tag No.	Posn
New	
Q 11318	
Recapt	
K 53577	L3

Locality HI 10/11 Date 6/1/02 Time 23:44 pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

**NOTES**  
 Pigmented skin removed from Shoulder  
 10x5 mm  
 Q 11318



**COMMENSALS**

Chelonibia..... 0  
 Burrowing barnacles..... 0  
 Algae, thick..... 0  
 Mud, thick..... 0  
 Other

**NEST LOCATION**

dune 2nd..... 0  
 dune 1st..... X  
 grass slope..... 0  
 below slope..... 0  
 below HW..... 0

**SPECIES**

green..... X  
 loggerhead..... 0  
 flatback..... 0  
 hawksbill..... 0  
 ridley..... 0  
 leatherback..... 0

**DAMAGE**

carapace..... 0  
 LFF..... 0  
 RFF..... 0  
 LHF..... 0  
 RHF..... 0

under tree..... 0  
 under shrub..... 0  
 in grass..... 0  
 in bare sand..... X

**CARAPACE**  
 length 107.1 cm

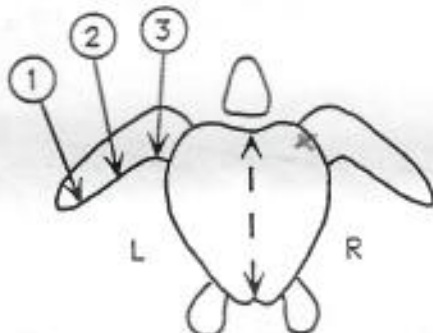
**HOW MANY EGG CHAMBERS?**

**ACTIVITY**  
Nesting / 1 Body sitting?  
 laid..... 0  
 laid/dist..... 0  
 no lay..... 0

Fibropapillomas yes / no  
 Lumps yes / no

**WHY MORE THAN ONE CHAMBER?**

**CAUSE OF DISTURBANCE**



**CLUTCH DESTRUCTION**  
 No. eggs dist \_\_\_\_\_  
 Tag No. \_\_\_\_\_  
 Date \_\_\_\_\_

**NEST AND CLUTCH DATA**  
 Nest tag in nest yes / no  
 Clutch relocation yes / no

**NEST DEPTH**  
 Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

**TEMPERATURE**  
 at 50cm \_\_\_\_\_ °C

**NEST MAP**

Post No. \_\_\_\_\_ Post No. \_\_\_\_\_

m m

**NEST**  
 Landward/seaward

EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

**RECORDERS**  
 measured \_\_\_\_\_  
 recorded \_\_\_\_\_

TURTLE RESEARCH - Nesting Turtles

entered

Tag No.	Posn
New <input type="checkbox"/> Q11314	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Q11315	<input checked="" type="checkbox"/>
Recapt 788397	L3
1518756	R3


Locality H1  
Sector 61/62 Date 5-1-03 Time 0147 <sup>am</sup>/<sub>pm</sub>

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

**NOTES**  
lump removed  
TUMOR+SKIN  
Q11314  
TUMOR  
Q11315



**COMMENSALS**  
Chelonibia.....   
Burrowing barnacles.....   
Algae, thick.....   
Mud, thick.....   
Other.....

**DAMAGE**  
carapace.....   
LFF.....   
RFF.....   
LHF.....   
RHF.....

**NEST LOCATION**  
dune 2nd.....   
dune 1st.....   
grass slope.....   
below slope.....   
below HW.....   
under tree.....   
under shrub.....   
in grass.....   
in bare sand.....

**SPECIES**  
green.....   
loggerhead.....   
flatback.....   
hawksbill.....   
ridley.....   
leatherback.....

**HOW MANY EGG CHAMBERS?** \_\_\_\_\_

**CARAPACE**  
length 11.2 cm

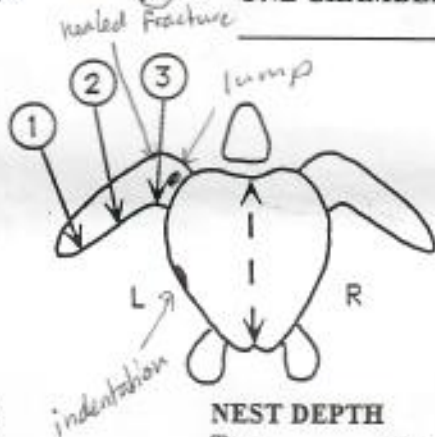
**ACTIVITY**  
laid.....   
laid/dist.....   
no lay.....

**CAUSE OF DISTURBANCE**  
\_\_\_\_\_  
\_\_\_\_\_

**CLUTCH DESTRUCTION**  
No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

Fibropapillomas yes/no  
Lumps  yes  no

**WHY MORE THAN ONE CHAMBER?**  
\_\_\_\_\_

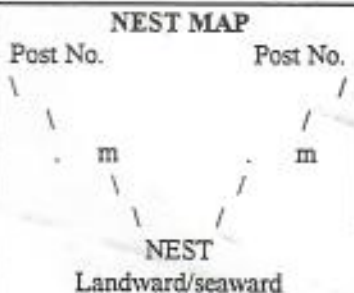


**NEST AND CLUTCH DATA**  
Nest tag in nest yes/no  
Clutch relocation yes/no

**NEST DEPTH**  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

**TEMPERATURE**  
at 50cm \_\_\_\_\_ °C

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**  
IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

**RECORDERS**  
measured \_\_\_\_\_  
recorded \_\_\_\_\_

PRIMARY TAG K57250

TURTLE RESEARCH - Nesting Turtles

Tag No.	Postn
New	
Q 11319	
Receipt	
K 57250	L3


Locality HI entered   
 Sector 9/10 Date 6/1/03 Time 23:34pm am

PIT tag No.	Postn

Tag scar/s	Postn

WEIGHT	kg

NOTES  
 Tag of skin  
 Removal from  
 trailing edge of  
 (R) front flipper  
 Q11319



<b>COMMENSALS</b>	<b>NEST LOCATION</b>
Chelonibia..... <input type="checkbox"/>	dune 2nd..... <input type="checkbox"/>
Burrowing barnacles..... <input type="checkbox"/>	dune 1st..... <input checked="" type="checkbox"/>
Algae, thick..... <input type="checkbox"/>	grass slope..... <input type="checkbox"/>
Mud, thick..... <input type="checkbox"/>	below slope..... <input type="checkbox"/>
Other	below HW..... <input type="checkbox"/>
	under tree..... <input type="checkbox"/>
<b>DAMAGE</b>	under shrub..... <input type="checkbox"/>
carapace..... <input type="checkbox"/>	in grass..... <input type="checkbox"/>
LFF..... <input type="checkbox"/>	in bare sand..... <input checked="" type="checkbox"/>
RFF..... <input type="checkbox"/>	
LHF..... <input type="checkbox"/>	<b>HOW MANY EGG CHAMBERS?</b> _____
RHF..... <input type="checkbox"/>	
Fibropapillomas yes / no	<b>WHY MORE THAN ONE CHAMBER?</b> _____
Lumps <input checked="" type="checkbox"/> / no	

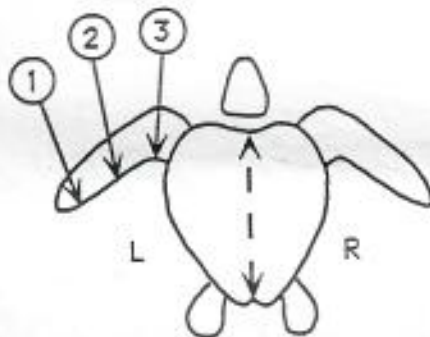
<b>SPECIES</b>
green..... <input checked="" type="checkbox"/>
loggerhead..... <input type="checkbox"/>
flatback..... <input type="checkbox"/>
hawksbill..... <input type="checkbox"/>
ridley..... <input type="checkbox"/>
leatherback..... <input type="checkbox"/>

**CARAPACE**  
 length 105.5 cm

**ACTIVITY**  
Nesting/Body Pitting?  
 laid.....   
 laid/dist.....   
 no lay.....

**CAUSE OF DISTURBANCE**  
 \_\_\_\_\_  
 \_\_\_\_\_

**CLUTCH DESTRUCTION**  
 No. eggs dist \_\_\_\_\_  
 Tag No. \_\_\_\_\_  
 Date \_\_\_\_\_



**NEST AND CLUTCH DATA**  
 Nest tag in nest yes / no  
 Clutch relocation yes / no

**NEST DEPTH**  
 Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

**TEMPERATURE**  
 at 50cm \_\_\_\_\_ °C

**NEST MAP**

Post No.	Post No.
m	m
NEST	
Landward/seaward	

EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

**RECORDERS**  
 measured TB  
 recorded JM ME

PRIMARY TAG K57213

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New Q11316	(B5)
Recapt	
K 57213	A3

entered 0


Locality \_\_\_\_\_ am  
Sector HI 16/17 Date 6/1/02 Time 02:22 pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
Healthy Tissue  
② shoulder  
Q11316



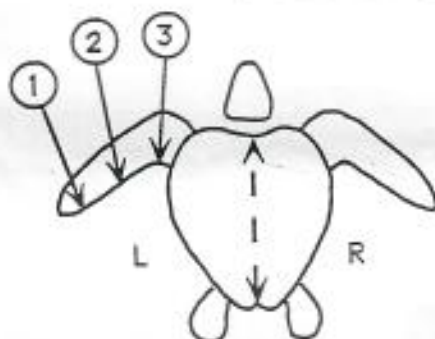
<b>COMMENSALS</b>	<b>NEST LOCATION</b>
Chelonibia..... 0	dune 2nd..... 0
Burrowing barnacles..... 0	dune 1st..... <input checked="" type="checkbox"/>
Algae, thick..... 0	grass slope..... 0
Mud, thick..... 0	below slope..... 0
Other	below HW..... 0
	under tree..... 0
	under shrub..... 0
<b>DAMAGE</b>	in grass..... <input checked="" type="checkbox"/>
carapace..... 0	in bare sand..... 0
LFF..... 0	
RFF..... 0	
LHF..... 0	
RHF..... 0	

<b>SPECIES</b>	
green..... <input checked="" type="checkbox"/>	
loggerhead..... 0	
flatback..... 0	
hawksbill..... 0	
ridley..... 0	
leatherback..... 0	

<b>CARAPACE</b>	
length 89.9 cm	

<b>ACTIVITY</b>	
laid..... <input checked="" type="checkbox"/>	
laid/dist..... 0	
no lay..... 0	

Fibropapillomas yes / no	<b>HOW MANY EGG CHAMBERS?</b> _____
Lumps yes / no	<b>WHY MORE THAN ONE CHAMBER?</b> _____



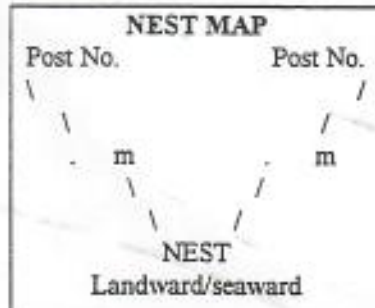
<b>CAUSE OF DISTURBANCE</b>	
_____	

<b>CLUTCH DESTRUCTION</b>	
No. eggs dist _____	
Tag No. _____	
Date _____	

<b>NEST AND CLUTCH DATA</b>	
Nest tag in nest yes / no	
Clutch relocation yes / no	

<b>NEST DEPTH</b>	
Top _____ cm	
Bottom _____ cm	

<b>TEMPERATURE</b>	
at 50cm _____ °C	



Clutch count _____	
Yolkless eggs _____	
Multiyolk eggs _____	

EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

<b>BLOOD SAMPLING DATA</b>
IX number _____
Time _____
Time taken _____
Operator _____
Notes _____
<b>RECORDERS</b>
measured _____
recorded _____

PRIMARY TAG LIST.

TURTLE RESEARCH - Nesting Turtles

entered  o

Tag No.	Posn
New <u>Q11312</u>	<u>BS</u>
Recapt	
<u>K 204</u>	<u>R3</u>
<u>T 6187</u>	<u>L3</u>


Locality \_\_\_\_\_ am  
Sector HT 17/18 Date 7/1/03 Time 0056 pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
Neatly tissue  
Ⓚ shoulder  
Q11312



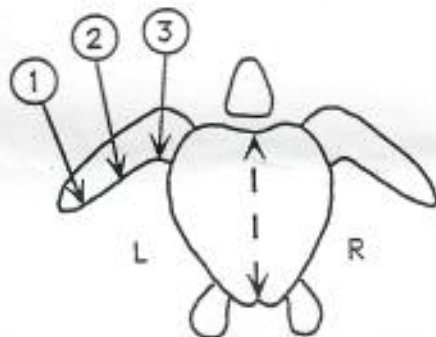
**COMMENSALS**  
Chelonibia.....  **NEST LOCATION**  
Burrowing  
barnacles.....  dune 2nd.....   
Algae, thick.....  dune 1st.....   
Mud, thick.....  grass slope.....   
Other.....  below slope.....   
under tree.....  below HW.....   
under shrub.....   
**DAMAGE**  
carapace.....  in grass.....   
LFF.....  in bare sand.....   
RFF.....   
LHF.....   
RHF.....   
Fibropapillomas yes / no  
Lumps yes / no

**SPECIES**  
green.....   
loggerhead.....   
flatback.....   
hawksbill.....   
ridley.....   
leatherback.....

**CARAPACE**  
length 111.3 cm  
**ACTIVITY**  
Nesting / wandering  
laid.....   
laid/dist.....   
no lay.....

**CAUSE OF DISTURBANCE**  
\_\_\_\_\_  
\_\_\_\_\_

**CLUTCH DESTRUCTION**  
No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

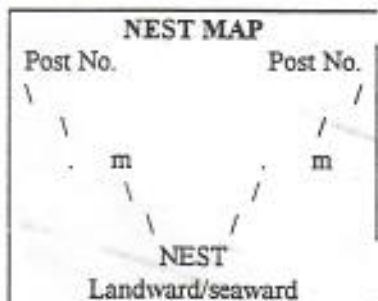


**NEST AND CLUTCH DATA**  
Nest tag in nest yes / no  
Clutch relocation yes / no

**NEST DEPTH**  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

**TEMPERATURE**  
at 50cm \_\_\_\_\_ °C

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_



EGG DIAMETERS (cm)	WEIGHTS (g)
1	_____ x _____
2	_____ x _____
3	_____ x _____
4	_____ x _____
5	_____ x _____
6	_____ x _____
7	_____ x _____
8	_____ x _____
9	_____ x _____
10	_____ x _____

**BLOOD SAMPLING DATA**  
IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

**RECORDERS**  
measured \_\_\_\_\_  
recorded \_\_\_\_\_

PRIMARY TAG K 57145

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New <u>Q11311</u>	<u>BS</u>
Recapt	
<u>K 57145</u>	<u>L3</u>

entered

PIT tag No.	Posn

Tag scar/s	Posn


WEIGHT	kg

**NOTES**

Healthy tissue.

Q11311

① shoulder



Locality \_\_\_\_\_ Date 7/1/03 Time 01:32 am

Sector HL 30/31

**COMMENSALS**

Chelonibia.....

Burrowing barnacles.....

Algae, thick.....

Mud, thick.....

Other \_\_\_\_\_

**DAMAGE**

carapace.....

LFF.....

RFF.....

LHF.....

RHF.....

**NEST LOCATION**

dune 2nd.....

dune 1st.....

grass slope.....

below slope.....

below HW.....

under tree.....

under shrub.....

in grass.....

in bare sand.....

**HOW MANY EGG CHAMBERS?** \_\_\_\_\_

**SPECIES**

green.....

loggerhead.....

flatback.....

hawksbill.....

ridley.....

leatherback.....

**CARAPACE**

length 101.2 cm

**ACTIVITY**

nesting

laid.....

laid/dist.....

no lay.....

Fibropapillomas yes / no \_\_\_\_\_

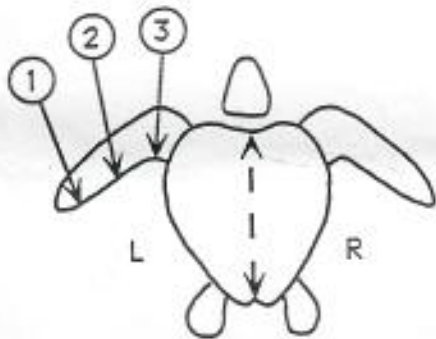
Lumps yes / no \_\_\_\_\_

**WHY MORE THAN ONE CHAMBER?**

\_\_\_\_\_

**CAUSE OF DISTURBANCE**

\_\_\_\_\_



**CLUTCH DESTRUCTION**

No. eggs dist \_\_\_\_\_

Tag No. \_\_\_\_\_

Date \_\_\_\_\_

**NEST AND CLUTCH DATA**

Nest tag in nest yes / no \_\_\_\_\_

Clutch relocation yes / no \_\_\_\_\_

**NEST DEPTH**

Top \_\_\_\_\_ cm

Bottom \_\_\_\_\_ cm

**TEMPERATURE**

at 50cm \_\_\_\_\_ °C

Clutch count \_\_\_\_\_

Yolkless eggs \_\_\_\_\_

Multiyolk eggs \_\_\_\_\_

**NEST MAP**

Post No. \_\_\_\_\_ Post No. \_\_\_\_\_

m m

NEST

Landward/seaward

EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_

Time \_\_\_\_\_

Time taken \_\_\_\_\_

Operator \_\_\_\_\_

Notes \_\_\_\_\_

**RECORDERS**

measured \_\_\_\_\_

recorded \_\_\_\_\_

PRIMARY TAG. T 88397

NOTE \* already collected samples from this animal on 5/1/03.

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn	entered	o
New	Q 811310		
Recapt		Locality	
		Sector	HI 30/31
		Date	7/1/02
		Time	0208 pm

T	88397	H3
K	18756	R3

PIT tag No.	Posn

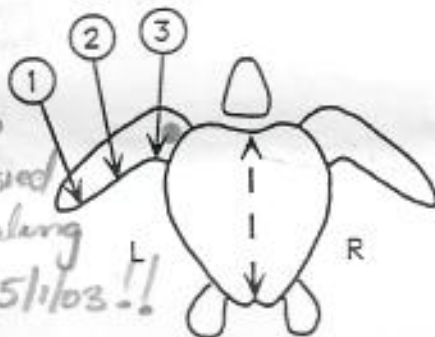
Tag scar/s	Posn

WEIGHT	kg

NOTES  
 5x2cm Growth/Scar tissue?  
 Q11310  
 obtained 2x1cm sample with normal skin  
 Growth lesions have been biopsied before, but healing JF was biopsied on 5/1/03!!

<b>COMMENSALS</b>	<b>NEST LOCATION</b>
Chelonibia..... o	dune 2nd..... o
Burrowing barnacles..... o	dune 1st..... o
Algae, thick..... o	grass slope..... o
Mud, thick..... o	below slope..... o
Other	below HW..... o
	Beach X
	under tree..... o
<b>DAMAGE</b>	under shrub..... o
carapace..... o	in grass..... o
LFF..... o	in bare sand..... o
RFF..... o	
LHF..... o	<b>HOW MANY EGG CHAMBERS?</b>
RHF..... o	_____
Fibropapillomas yes/no	<b>WHY MORE THAN ONE CHAMBER?</b>
Lumps yes/no	_____

<b>SPECIES</b>	
green..... X	
loggerhead..... o	
flatback..... o	
hawksbill..... o	
ridley..... o	
leatherback..... o	
<b>CARAPACE</b>	
length	10.1 cm
<b>ACTIVITY</b>	
laid..... o	
laid/dist..... o	
no lay..... o	
<b>CAUSE OF DISTURBANCE</b>	
_____	
_____	



<b>CLUTCH DESTRUCTION</b>
No. eggs dist _____
Tag No. _____
Date _____

**NEST AND CLUTCH DATA**

Nest tag in nest yes / no \_\_\_\_\_

Clutch relocation yes / no \_\_\_\_\_

**NEST DEPTH**

Top \_\_\_\_\_ cm

Bottom \_\_\_\_\_ cm

**TEMPERATURE**

at 50cm \_\_\_\_\_ °C

Clutch count \_\_\_\_\_

Yolkless eggs \_\_\_\_\_

Multiyolk eggs \_\_\_\_\_

**NEST MAP**

Post No. \_\_\_\_\_ Post No. \_\_\_\_\_

m m

NEST

Landward/seaward

EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_

Time \_\_\_\_\_

Time taken 0208

Operator mark Rice

Notes \_\_\_\_\_

**RECORDERS**

measured \_\_\_\_\_

recorded me

Blood Glucose 71 mg/dkt

TURTLE RESEARCH - Nesting Turtles

entered 0

Tag No.	Posn
New Q11313 BL	
Recapt	
T 3338 R3	
K 393 R3	

Locality \_\_\_\_\_ am  
Sector HI 11/12 Date 7/1/03 Time 0023 pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
front flipper  
R Flipper  
Q11313  
necrotic plug  


**COMMENSALS**  
Chelonibia..... 0  
Burrowing barnacles..... 0  
Algae, thick..... 0  
Mud, thick..... 0  
Other \_\_\_\_\_

**NEST LOCATION**  
dune 2nd..... 0  
dune 1st..... 0  
grass slope..... 0  
below slope..... 0  
below HW..... 0  
under tree..... 0  
under shrub..... 0  
in grass..... 0  
in bare sand..... 0

**DAMAGE**  
carapace..... 0  
LFF..... 0  
RFF..... 0  
LHF..... 0  
RHF..... 0

**HOW MANY EGG CHAMBERS?** \_\_\_\_\_

**WHY MORE THAN ONE CHAMBER?** \_\_\_\_\_

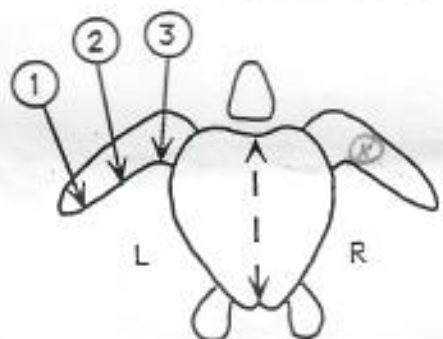
Fibropapillomas yes / no  
Lumps yes / no

**SPECIES**  
green..... 0  
loggerhead..... 0  
flatback..... 0  
hawksbill..... 0  
ridley..... 0  
leatherback..... 0

**CARAPACE**  
length 109.3 cm

**ACTIVITY**  
nesting  
laid..... 0  
laid/dist..... 0  
no lay..... 0

**CAUSE OF DISTURBANCE**  
\_\_\_\_\_  
\_\_\_\_\_

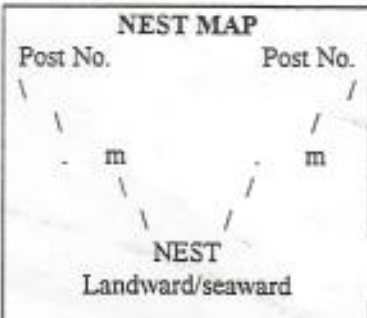


**NEST AND CLUTCH DATA**  
Nest tag in nest yes / no  
Clutch relocation yes / no

**NEST DEPTH**  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

**TEMPERATURE**  
at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**  
IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken 0023  
Operator MARC RICE  
Notes \_\_\_\_\_

**RECORDERS**  
measured SM  
recorded MC

Blood Glucose 60 mg/dL



Primary tag. K57334.

### TURTLE RESEARCH - Nesting Turtles

Tag No.	Postn
New	
Q 11301	H2
Receipt	
K 57334	LH
K 55557	R2

entered 0


Locality \_\_\_\_\_ am  
 Sector #J14/5 Date 8/1/03 Time 02:00 pm

New Tag ALSO =>

PIT tag No.	Postn

Tag scar/s	Postn

WEIGHT	kg

**NOTES**  
 Q11301  
 (R) arm pit  
 Pigmented hump  
 possibly scar  
 tissue.  


**COMMENSALS**  
 Chelonibia..... 0  
 Burrowing barnacles..... 0  
 Algae, thick..... 0  
 Mud, thick..... 0  
 Other \_\_\_\_\_

**DAMAGE**  
 carapace..... 0  
 LFF..... 0  
 RFF..... 0  
 LHF..... 0  
 RHF..... 0

Fibropapillomas yes/no  
 Lumps  yes  no

**NEST LOCATION**  
 dune 2nd..... 0  
 dune 1st..... 0  
 grass slope..... 0  
 below slope..... 0  
 below HW.....

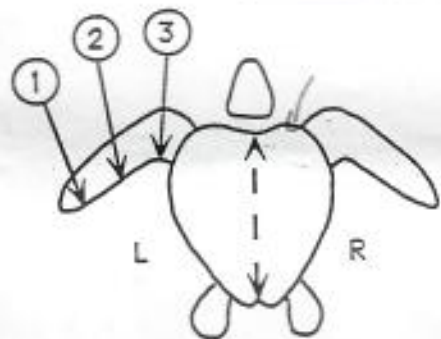
**HOW MANY EGG CHAMBERS?** \_\_\_\_\_

**WHY MORE THAN ONE CHAMBER?** \_\_\_\_\_

**SPECIES**  
 green.....   
 loggerhead..... 0  
 flatback..... 0  
 hawksbill..... 0  
 ridley..... 0  
 leatherback..... 0

**CARAPACE**  
 length 108.2 cm

**ACTIVITY**  
emerging  
 laid..... 0  
 laid/dist..... 0  
 no lay..... 0



**CAUSE OF DISTURBANCE**  
Kocho/us

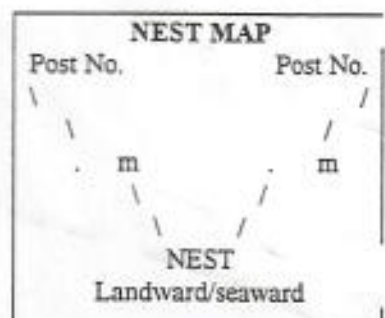
**CLUTCH DESTRUCTION**  
 No. eggs dist \_\_\_\_\_  
 Tag No. \_\_\_\_\_  
 Date \_\_\_\_\_

**NEST AND CLUTCH DATA**  
 Nest tag in nest yes / no  
 Clutch relocation yes / no

**NEST DEPTH**  
 Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

**TEMPERATURE**  
 at 50cm \_\_\_\_\_ °C

Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**  
 IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

**RECORDERS**  
 measured \_\_\_\_\_  
 recorded \_\_\_\_\_

PRIMARY TAG

K53218

TURTLE RESEARCH - Nesting Turtles

Tag No.	Postn
New	
Q 11302	B2
Recapt	
K 53218	83

entered 0


PIT tag No.	Postn

Tag scar/s	Postn

WEIGHT	kg

NOTES  
*Macropite area  
 Possibly associated  
 with old injury  
 2x3 cm.  
 ventral surface  
 of R front  
 shoulder.*

Q11302



Locality \_\_\_\_\_ am  
 Sector HT 22/03 Date 8/1/03 Time 0327 pm

COMMENSALS      NEST LOCATION      SPECIES

Chelonibia..... 0      dune 2nd..... 0      green..... 0

Burrowing      dune 1st..... 0      loggerhead..... 0

barnacles..... 0      grass slope..... 0      flatback..... 0

Algae, thick..... 0      below slope..... 0      hawksbill..... 0

Mud, thick..... 0      below HW..... 0      ridley..... 0

Other      *LC2*      leatherback..... 0

DAMAGE      CARAPACE

carapace..... 0      in grass..... 0      length *103.8* cm

LFF..... 0      in bare sand..... 0

RFF..... 0

LHF..... 0

RHF..... 0

HOW MANY EGG CHAMBERS?      ACTIVITY

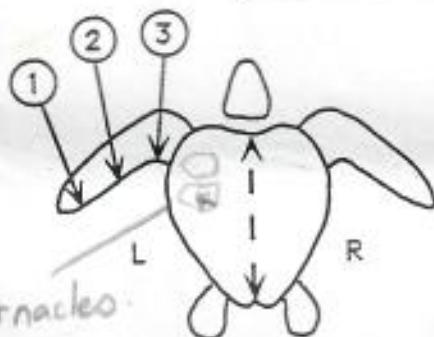
laid..... 0

laid/dist..... 0

no lay..... 0

Fibropapillomas      yes / no      WHY MORE THAN ONE CHAMBER?

Lumps      *yes* / no



CAUSE OF DISTURBANCE

CLUTCH DESTRUCTION

No. eggs dist \_\_\_\_\_

Tag No. \_\_\_\_\_

Date \_\_\_\_\_

NEST AND CLUTCH DATA

Nest tag in nest      yes / no

Clutch relocation      yes / no

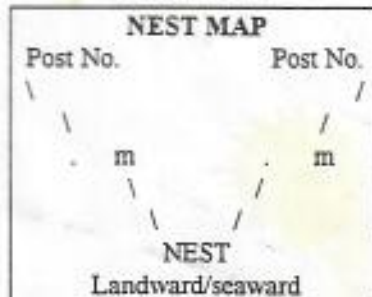
NEST DEPTH

Top \_\_\_\_\_ cm

Bottom \_\_\_\_\_ cm

TEMPERATURE

at 50cm \_\_\_\_\_ °C



Clutch count \_\_\_\_\_

Yolkless eggs \_\_\_\_\_

Multiyolk eggs \_\_\_\_\_

BLOOD SAMPLING DATA

IX number \_\_\_\_\_

Time \_\_\_\_\_

Time taken *0335*

Operator *Mark Rice*

Notes \_\_\_\_\_

EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

RECORDERS

measured \_\_\_\_\_

recorded \_\_\_\_\_

*Blood glucose mg/dl*  
*Not Taken due to  
 error message*

PRIMARY TAG K 53356.

TURTLE RESEARCH - Nesting Turtles

entered 0

Tag No.	Posn
New	
Q 11303	Bk
Recapt	
K 53356	L3


Locality \_\_\_\_\_ am  
Sector \_\_\_\_\_ Date 27/08 8/1/03 Time 02:45 pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
 (R) flipper - mud  
 way trailing  
 edge, possibly  
 associated with  
 wound on ventral  
 side  
 Q11303



COMMENSALS  
 Chelonibia..... 0  
 Burrowing barnacles..... 0  
 Algae, thick..... 0  
 Mud, thick..... 0  
 Other \_\_\_\_\_

DAMAGE  
 carapace..... 0  
 LFF..... 0  
 RFF..... 0  
 LHF..... 0  
 RHF..... 0

Fibropapillomas yes / no  
 Lumps yes / no

NEST LOCATION  
 dune 2nd..... 0  
 dune 1st..... X  
 grass slope..... 0  
 below slope..... 0  
 below HW..... 0  
 under tree..... X  
 under shrub..... 0  
 in grass..... 0  
 in bare sand..... 0

HOW MANY EGG CHAMBERS? \_\_\_\_\_  
 WHY MORE THAN ONE CHAMBER? \_\_\_\_\_

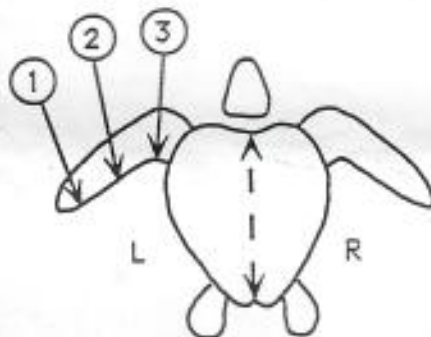
SPECIES  
 green..... X  
 loggerhead..... 0  
 flatback..... 0  
 hawksbill..... 0  
 ridley..... 0  
 leatherback..... 0

CARAPACE length 106.4 cm

ACTIVITY  
 laid..... 0  
 laid/dist..... 0  
 no lay..... 0

CAUSE OF DISTURBANCE \_\_\_\_\_

CLUTCH DESTRUCTION  
 No. eggs dist \_\_\_\_\_  
 Tag No. \_\_\_\_\_  
 Date \_\_\_\_\_

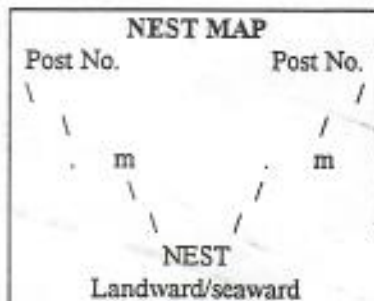


NEST AND CLUTCH DATA  
 Nest tag in nest yes / no  
 Clutch relocation yes / no

NEST DEPTH  
 Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

TEMPERATURE at 50cm \_\_\_\_\_ °C

Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA  
 IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

RECORDERS  
 measured \_\_\_\_\_  
 recorded \_\_\_\_\_

Done

PRIMARY TAG T 5320

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New	
CP 11308	BLS
Receipt	
K 438	A3
T 61247	R3


entered 0

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

**NOTES**  
 FLAP OF SKIN  
 Possibly associated  
 with slice wound to  
 Q 11308 (R) Side of neck.  
 ventral  
 sample collected  
 ~ 5x2 cm.



Locality \_\_\_\_\_ am  
 Sector HI 53/54 Date 8/1/03 Time 0128 pm

**COMMENSALS**

Chelonibia..... 0  
 Burrowing barnacles..... 0  
 Algae, thick..... 0  
 Mud, thick..... 0  
 Other \_\_\_\_\_

**DAMAGE**

carapace..... 0  
 LFF..... 0  
 RFF..... 0  
 LHF..... 0  
 RHF..... 0

**NEST LOCATION**

dune 2nd..... 0  
 dune 1st..... 0  
 grass slope..... 0  
 below slope..... 0  
 below HW..... 0

**SPECIES**

green..... X  
 loggerhead..... 0  
 flatback..... 0  
 hawksbill..... 0  
 ridley..... 0  
 leatherback..... 0

**CARAPACE**  
 length 91.4 cm

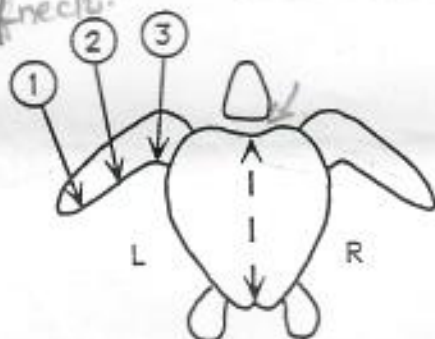
**ACTIVITY**

laid..... 0  
 laid/dist..... 0  
 no lay..... 0

**HOW MANY EGG CHAMBERS?** \_\_\_\_\_

**WHY MORE THAN ONE CHAMBER?** \_\_\_\_\_

Fibropapillomas yes / no  
 Lumps yes / no



**CAUSE OF DISTURBANCE**

\_\_\_\_\_

**CLUTCH DESTRUCTION**

No. eggs dist \_\_\_\_\_  
 Tag No. \_\_\_\_\_  
 Date \_\_\_\_\_

**NEST AND CLUTCH DATA**

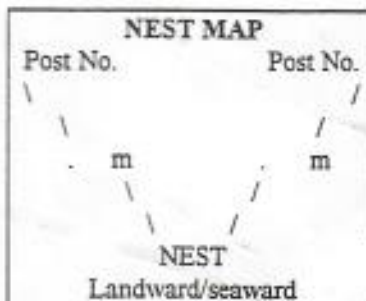
Nest tag in nest yes / no  
 Clutch relocation yes / no

**NEST DEPTH**

Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

**TEMPERATURE**  
 at 50cm \_\_\_\_\_ °C

Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

**RECORDERS**

measured \_\_\_\_\_  
 recorded \_\_\_\_\_

Primary Tag T 5320

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New	
Q 11295	BL
Recapt	
K 438	H3
T 61247	A3


entered 0

Locality \_\_\_\_\_ am  
Sector HI 12/13 Date 9/1/03 Time 245 pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
Lump associated with LB Tag Q 11295 site  
① front flipper  
Lump 1x2cm.  


COMMENSALS  
Chelonibia..... 0  
Burrowing barnacles..... 0  
Algae, thick..... 0  
Mud, thick..... 0  
Other \_\_\_\_\_

NEST LOCATION  
dune 2nd..... 0  
dune 1st..... X  
grass slope..... 0  
below slope..... 0  
below HW..... 0  
under tree..... X  
under shrub..... 0

SPECIES  
green..... X  
loggerhead..... 0  
flatback..... 0  
hawksbill..... 0  
ridley..... 0  
leatherback..... 0

DAMAGE  
carapace..... 0  
LFF..... 0  
RFF..... 0  
LHF..... 0  
RHF..... 0

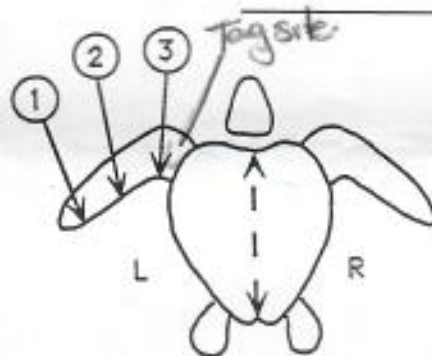
CARAPACE  
length 92.3 cm

Fibropapillomas yes / no  
Lumps yes / no

HOW MANY EGG CHAMBERS? \_\_\_\_\_

ACTIVITY  
nesting  
laid..... 0  
laid/dist..... 0  
no lay..... 0

CAUSE OF DISTURBANCE  
\_\_\_\_\_  
\_\_\_\_\_



CLUTCH DESTRUCTION  
No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

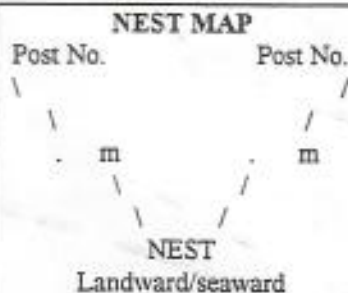
NEST AND CLUTCH DATA

Nest tag in nest yes / no  
Clutch relocation yes / no

NEST DEPTH  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

TEMPERATURE  
at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA

IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

RECORDERS

measured \_\_\_\_\_  
recorded \_\_\_\_\_

PRIMARY TAG K4349

TURTLE RESEARCH - Nesting Turtles

entered 0

Tag No.	Posn
New	
<input checked="" type="checkbox"/>	
Recapt	
K 4349	L3
K 57442	R3

Locality \_\_\_\_\_ Date 8/1/03  
Sector HI 25/26 Time 01:49 pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

**COMMENSALS**  
 Chelonibia..... 0  
 Burrowing barnacles.....   
 Algae, thick..... 0  
 Mud, thick..... 0  
 Other \_\_\_\_\_

**NEST LOCATION**  
 dune 2nd..... 0  
 dune 1st.....   
 grass slope..... 0  
 below slope..... 0  
 below HW..... 0  
 under tree..... 0  
 under shrub..... 0

**SPECIES**  
 green.....   
 loggerhead..... 0  
 flatback..... 0  
 hawksbill..... 0  
 ridley..... 0  
 leatherback..... 0

**DAMAGE**  
 carapace..... 0  
 LFF..... 0  
 RFF..... 0  
 LHF..... 0  
 RHF..... 0

in grass..... 0  
 in bare sand.....

**CARAPACE**  
 length 107.1 cm

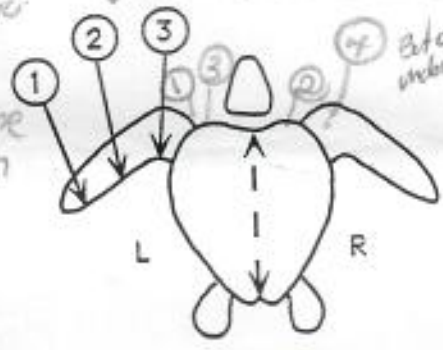
**HOW MANY EGG CHAMBERS?** \_\_\_\_\_

**ACTIVITY**  
 nesting  
 laid..... 0  
 laid/dist..... 0  
 no lay..... 0

**WHY MORE THAN ONE CHAMBER?** \_\_\_\_\_

**CAUSE OF DISTURBANCE**  
 \_\_\_\_\_

**NOTES**  
 ① lump lateral  shoulder region  
 ② lump "  shoulder region  
 ③ "  shoulder  
 ④ lump  more lateral one near arm pit.



**CLUTCH DESTRUCTION**  
 No. eggs dist \_\_\_\_\_  
 Tag No. \_\_\_\_\_  
 Date \_\_\_\_\_

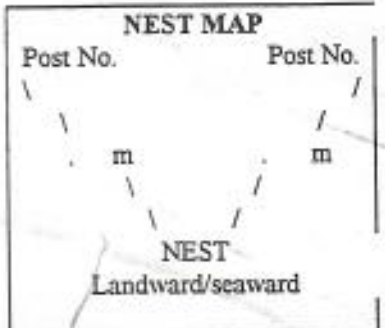
- ①
- ②
- ③
- ④

- ① Q11307 BL
- ② Q11306 BL
- ③ Q11305 BL
- ④ Q11304 BL

**NEST AND CLUTCH DATA**  
 Nest tag in nest yes / no \_\_\_\_\_  
 Clutch relocation yes / no \_\_\_\_\_  
 Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

**NEST DEPTH**  
 Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

**TEMPERATURE**  
 at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**  
 IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken 02.23  
 Operator moath Rice  
 Notes \_\_\_\_\_

**RECORDERS**  
 measured \_\_\_\_\_  
 recorded \_\_\_\_\_

Blood Glucose 48mg/dL

PRIMARY TAG T 6309.

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New Q11293	BL
Q11294	BL
Recapt	
K 9610	LH
T 6309	L3
T 35868	L3
T 64864	R3
PIT tag No.	Posn


entered 0

Locality \_\_\_\_\_ am  
Sector HT 24/25 Date 9/1/03 Time 0410 pm

Tag scar/s	Posn

WEIGHT	kg

NOTES  
Lump in h 3 ventral  
Q11294  
Lump ~ 4x5 cm  
+ Q11393



**COMMENSALS**  
Chelonibia..... 0  
Burrowing barnacles..... 0  
Algae, thick..... 0  
Mud, thick..... 0  
Other \_\_\_\_\_

**DAMAGE**  
carapace..... 0  
LFF..... 0  
RFF..... 0  
LHF..... 0  
RHF..... 0  
Fibropapillomas yes/no  
Lumps (yes/no)

**NEST LOCATION**  
dune 2nd..... 0  
dune 1st..... X  
grass slope..... 0  
below slope..... 0  
below HW..... 0  
under tree..... 0  
under shrub..... 0  
in grass..... 0  
in bare sand..... X

**HOW MANY EGG CHAMBERS?** \_\_\_\_\_

**WHY MORE THAN ONE CHAMBER?** \_\_\_\_\_

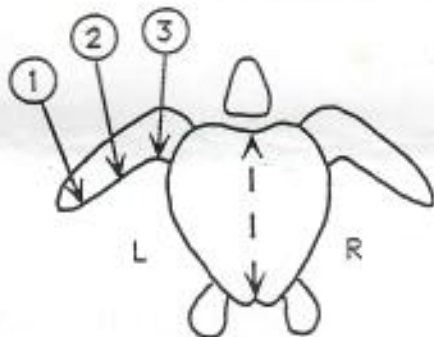
**SPECIES**  
green..... X  
loggerhead..... 0  
flatback..... 0  
hawksbill..... 0  
ridley..... 0  
leatherback..... 0

**CARAPACE**  
length 100.8 cm

**ACTIVITY**  
nesting  
laid..... 0  
laid/dist..... 0  
no lay..... 0

**CAUSE OF DISTURBANCE**  
\_\_\_\_\_  
\_\_\_\_\_

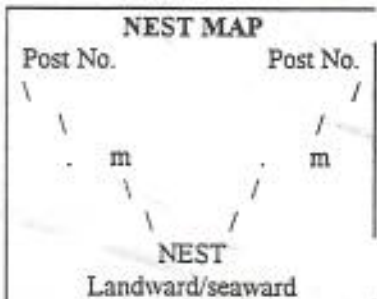
**CLUTCH DESTRUCTION**  
No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_



**NEST AND CLUTCH DATA**  
Nest tag in nest yes/no  
Clutch relocation yes/no

**NEST DEPTH**  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

**TEMPERATURE**  
at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**  
IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

**RECORDERS**  
measured \_\_\_\_\_  
recorded \_\_\_\_\_

PRIMARY TAG. K57256.

TURTLE RESEARCH - Nesting Turtles

entered

Tag No.	Posn
New	
Q 11292 BS.	
Redapt	
K 57256 13	


Locality H1  
Sector 54 Date 29/1/03 Time 22:57 pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

**NOTES**  
Biopsy of Healthy  
Tissue from  
N shoulder.  
→ S. Balazo  
Q 11292.



**COMMENSALS**

Chelonibia.....   
Burrowing  
barnacles.....   
Algae, thick.....   
Mud, thick.....   
Other

**NEST LOCATION**

dune 2nd.....   
dune 1st.....   
grass slope.....   
below slope.....   
below HW.....   
under tree.....   
under shrub.....   
in grass.....   
in bare sand.....

**SPECIES**

green.....   
loggerhead.....   
flatback.....   
hawksbill.....   
ridley.....   
leatherback.....

**DAMAGE**

carapace.....   
LFF.....   
RFF.....   
LHF.....   
RHF.....

**HOW MANY EGG CHAMBERS?**

**WHY MORE THAN ONE CHAMBER?**

**CARAPACE**

length 102.0 cm

**ACTIVITY**

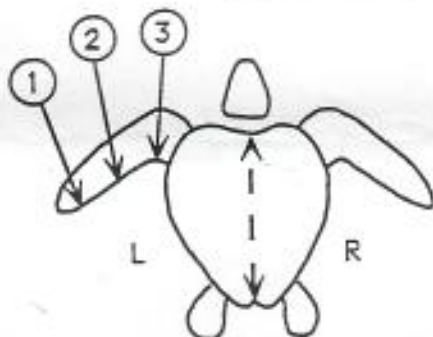
N?  
laid.....   
laid/dist.....   
no lay.....

**CAUSE OF DISTURBANCE**

**CLUTCH DESTRUCTION**

No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

Fibropapillomas yes / no  
Lumps yes / no



**NEST AND CLUTCH DATA**

Nest tag in nest yes / no  
Clutch relocation yes / no

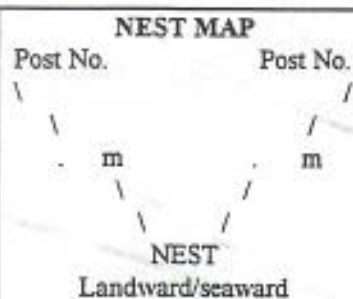
**NEST DEPTH**

Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

**TEMPERATURE**

at 50cm \_\_\_\_\_ °C

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**

IX number  
Time  
Time taken  
Operator  
Notes

**RECORDERS**

measured \_\_\_\_\_  
recorded \_\_\_\_\_



TURTLE RESEARCH - Nesting Turtles

entered 0

Tag No.	Postn
New	
Q 11291	BS
Recpts	
K 57252	L3


Locality H1  
Sector 38 Date 29/1/03 Time 2221 pm

PIT tag No.	Postn

Tag scar/s	Postn

WEIGHT	kg

**NOTES**  
Biopsy of Healthy Tissue from ② Shoulder.  
→ J. Balazo.  
Q11291



**COMMENSALS**  
Chelonibia..... 0  
Burrowing barnacles..... 0  
Algae, thick..... 0  
Mud, thick..... 0  
Other

**NEST LOCATION**  
dune 2nd..... 0  
dune 1st..... X  
grass slope..... 0  
below slope..... 0  
below HW..... 0  
under tree..... 0  
under shrub..... 0

**SPECIES**  
green..... X  
loggerhead..... 0  
flatback..... 0  
hawksbill..... 0  
ridley..... 0  
leatherback..... 0

**DAMAGE**  
carapace..... 0  
LFF..... 0  
RFF..... 0  
LHF..... 0  
RHF..... 0

in grass..... 0  
in bare sand..... X

**CARAPACE**  
length 103.9 cm

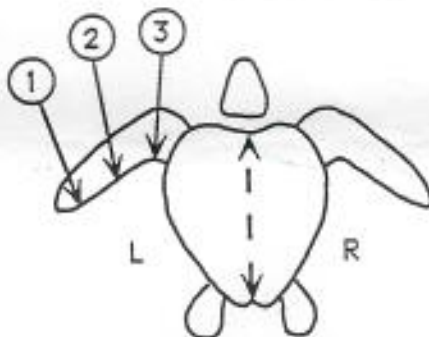
Fibropapillomas yes / no  
Lumps yes / no

**HOW MANY EGG CHAMBERS?** \_\_\_\_\_

**ACTIVITY**  
laid..... X  
laid/dist..... 0  
no lay..... 0

**WHY MORE THAN ONE CHAMBER?** \_\_\_\_\_

**CAUSE OF DISTURBANCE**  
\_\_\_\_\_  
\_\_\_\_\_



**CLUTCH DESTRUCTION**  
No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

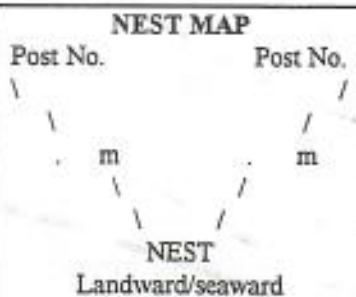
**NEST AND CLUTCH DATA**

Nest tag in nest yes / no  
Clutch relocation yes / no

**NEST DEPTH**  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

**TEMPERATURE**  
at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

**BLOOD SAMPLING DATA**  
IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

**RECORDERS**  
measured \_\_\_\_\_  
recorded \_\_\_\_\_

PRIMARY TAG K57398

Copy of No Data sheet not given to

TURTLE RESEARCH - Nesting Turtles

entered

Tag No.	Posn
New	
Q 11290	BS
Recapt	
K 57398	L3
K 53428	R3


Locality HI Sector 29/30 Date 27/1/03 Time 0500 <sup>am</sup> pm

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES  
Biopsy of Healthy TISSUE from (A) shoulder. Q11290



COMMENSALS  
Chelonibia..... 0  
Burrowing barnacles..... 0  
Algae, thick..... 0  
Mud, thick..... 0  
Other

NEST LOCATION  
dune 2nd..... 0  
dune 1st..... X  
grass slope..... 0  
below slope..... 0  
below HW..... 0  
under tree..... 0  
under shrub..... 0  
in grass..... 0  
in bare sand..... X

DAMAGE  
carapace..... 0  
LFF..... 0  
RFF..... 0  
LHF..... 0  
RHF..... 0

HOW MANY EGG CHAMBERS? \_\_\_\_\_

SPECIES  
green..... X  
loggerhead..... 0  
flatback..... 0  
hawksbill..... 0  
ridley..... 0  
leatherback..... 0

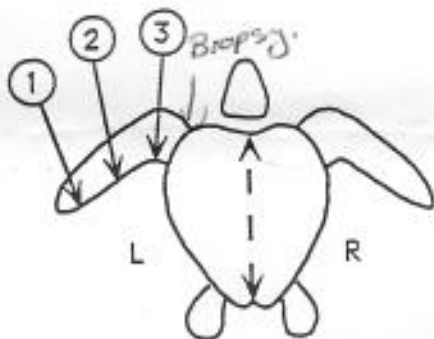
CARAPACE length 101.2 cm

ACTIVITY  
laid..... 0  
laid/dist..... 0  
no lay..... 0

Fibropapillomas yes  no   
Lumps yes  no

WHY MORE THAN ONE CHAMBER? \_\_\_\_\_

CAUSE OF DISTURBANCE \_\_\_\_\_

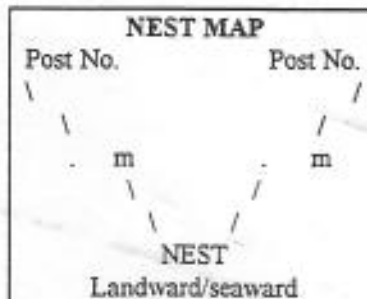


CLUTCH DESTRUCTION  
No. eggs dist \_\_\_\_\_  
Tag No. \_\_\_\_\_  
Date \_\_\_\_\_

NEST AND CLUTCH DATA  
Nest tag in nest yes / no  
Clutch relocation yes / no

NEST DEPTH  
Top \_\_\_\_\_ cm  
Bottom \_\_\_\_\_ cm

TEMPERATURE at 50cm \_\_\_\_\_ °C



Clutch count \_\_\_\_\_  
Yolkless eggs \_\_\_\_\_  
Multiyolk eggs \_\_\_\_\_

EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA  
IX number \_\_\_\_\_  
Time \_\_\_\_\_  
Time taken \_\_\_\_\_  
Operator \_\_\_\_\_  
Notes \_\_\_\_\_

RECORDERS  
measured \_\_\_\_\_  
recorded \_\_\_\_\_

PRIMARY TAG K 53405

TURTLE RESEARCH - Nesting Turtles

Tag No.	Posn
New <u>Q11317</u>	<u>(1/2)</u>
Recapt <u>Q11299</u>	<u>X</u>
<u>K 53405</u>	<u>A3</u>

entered 0

PIT tag No.	Posn

Tag scar/s	Posn

WEIGHT	kg

NOTES

Healthy skin  
 @ shoulder  
 Q11317  
 also removed 2 Chelonibia  
 Barnacles - 7g. Balazs  
 Q11299

Locality \_\_\_\_\_ am  
 Sector HJ 22/23 Date 6/1/03 Time 01:27 pm

COMMENSALS

Chelonibia.....   
 Burrowing barnacles..... 0  
 Algae, thick..... 0  
 Mud, thick..... 0  
 Other \_\_\_\_\_

NEST LOCATION

dune 2nd..... 0  
 dune 1st.....   
 grass slope..... 0  
 below slope..... 0  
 below HW..... 0  
 under tree..... 0  
 under shrub..... 0  
 in grass..... 0  
 in bare sand.....

SPECIES

green.....   
 loggerhead..... 0  
 flatback..... 0  
 hawksbill..... 0  
 ridley..... 0  
 leatherback..... 0

DAMAGE

carapace..... 0  
 LFF..... 0  
 RFF..... 0  
 LHF..... 0  
 RHF..... 0

HOW MANY EGG CHAMBERS? \_\_\_\_\_

WHY MORE THAN ONE CHAMBER? \_\_\_\_\_

CARAPACE

length 101.5 cm

ACTIVITY

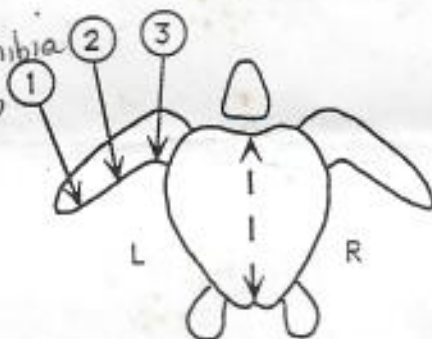
Body pitting  
 laid..... 0  
 laid/dist..... 0  
 no lay..... 0

CAUSE OF DISTURBANCE \_\_\_\_\_

CLUTCH DESTRUCTION

No. eggs dist \_\_\_\_\_  
 Tag No. \_\_\_\_\_  
 Date \_\_\_\_\_

Fibropapillomas yes / no  
 Lumps yes / no



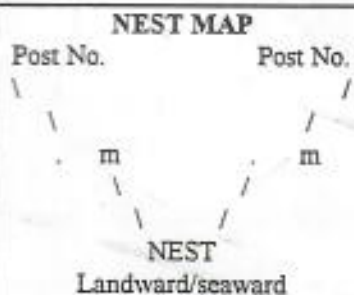
NEST AND CLUTCH DATA

Nest tag in nest yes / no  
 Clutch relocation yes / no

NEST DEPTH  
 Top \_\_\_\_\_ cm  
 Bottom \_\_\_\_\_ cm

Clutch count \_\_\_\_\_  
 Yolkless eggs \_\_\_\_\_  
 Multiyolk eggs \_\_\_\_\_

TEMPERATURE  
 at 50cm \_\_\_\_\_ °C



EGG DIAMETERS (cm)	WEIGHTS (g)
1	x
2	x
3	x
4	x
5	x
6	x
7	x
8	x
9	x
10	x

BLOOD SAMPLING DATA

IX number \_\_\_\_\_  
 Time \_\_\_\_\_  
 Time taken \_\_\_\_\_  
 Operator \_\_\_\_\_  
 Notes \_\_\_\_\_

RECORDERS

measured \_\_\_\_\_  
 recorded \_\_\_\_\_