

FRONT COVER

UNIVERSITY OF HAWAII  
Hawaii Institute of Marine Biology  
Coconut Island • P. O. Box 1346 • Kaneohe, Hawaii 96741

BALAZS

BOOK TWO

MIDWAY

Book Two

LIBRARY OF  
GEORGE F. BALAZS

MIDWAY ISLAND'S  
GREEN TURTLE TAGGINGS

POSSIBLE REASONS FOR  
NOT MAKING OLD TAG  
RECOVERIES AT MIDWAY:

1. MOVED ON
2. DEAD
3. TAGS FELL OFF -  
NOT NOW NOTICEABLE



83

<u>Dates</u>	<u>Tag Nos.</u>	<u>Measurements</u>	<u>Wt.</u>	<u>Loc.</u>	<u>Remarks</u>
6/7/77	2112, 2114 (2113 NO GOOD)	<u>47.0 cm</u> C-18 $\frac{1}{2}$ x 16 $\frac{1}{2}$	30 lbs		Buoy #19 REKDEER- BURKE
		<u>43.8 cm</u> S-17 $\frac{1}{4}$ x 14			

PL-14

TAIL-3 $\frac{1}{8}$

84

<u>Dates</u>	<u>Tag Nos.</u>	<u>Measurements</u>	<u>Wt.</u>	<u>Loc.</u>	<u>Remarks</u>
6/18/77	2115	C- $45.1\text{cm}$ $17\frac{3}{4} \times 16\frac{5}{8}$	30lbs	TREVINO	STEVENS
	2116	S- $43.8\text{cm}$ $17\frac{1}{4} \times 3\frac{7}{8}$ $\text{cm}^2$			
		PL- $17\frac{1}{2}$			
		TAIL- 3			



(65)

<u>Dates</u>	<u>Tag NOS.</u>	<u>Measurements</u>	<u>wt.</u>	<u>Loc.</u>	<u>Remarks</u>
6/28/77	2178	41.9 cm C-16 $\frac{1}{2}$ x 14 $\frac{7}{8}$	20 lbs		Bob Burke - Tom Wirth
	2179	40.0 cm S-15 $\frac{3}{4}$ x 11			
		PL-13			
		TAIL-1 $\frac{1}{2}$			
8/20/77	2178 2179	C-16 $\frac{1}{2}$ x 14 $\frac{7}{8}$ S-15 $\frac{3}{4}$ x 11 PL-13 TAIL-1 $\frac{1}{2}$	22 lbs	weddington - Koral Kings BEACH - TAGS look good.	
7-22 (6/28/77 - 2/19/78)		CL $\rightarrow$ 0.0487" SL $\rightarrow$ 0.0325"			
2/19/78	2178 OFF 2179 OFF NEW	C- + $\frac{3}{8}$ ; + $\frac{1}{2}$ . S- + $\frac{1}{4}$ ; +2 $\frac{1}{4}$ PL- + $\frac{3}{8}$			
see p 61 EXped. book	2454 LFL 2455 RFL	C-16 $\frac{7}{8}$ x 15 $\frac{3}{8}$ S-16 x 13 $\frac{1}{4}$ PL-13 $\frac{3}{8}$ TAIL-3 $\frac{3}{8}$ HEAD-2 $\frac{5}{8}$		Chris B. Tug side of INNER HARBOR	
			wt- <sup>kk/w errors</sup> 25 lbs + 5 lbs		

66

Dates	Tag Nos.	Measurements	Wt.	Loc.	Remarks
7/12/77	—	<del>##</del> <u>49.5cm</u> C-19 $\frac{1}{2}$ x 17 $\frac{7}{8}$	35lbs		Bob Carlton Found floating INNER HARBOR
		<u>47.0cm</u> S-18 $\frac{1}{2}$ x 14 $\frac{1}{4}$			
		PL-15			
		TAIL- $\frac{3}{4}$ " retracted			

Brought to me (packed in ice) by  
Curt Harey.



67

<u>Dates</u>	<u>Tag Nos.</u>	<u>Measurements</u>	<u>Wt.</u>	<u>Loc.</u>	<u>Remarks</u>
9/10/77	2180	$\text{C} - 17\frac{1}{2} \times 16$ $\text{44.5 cm}$	20lbs		?
	2181	$\text{S} - 14\frac{3}{8} \times 13\frac{1}{4}$ $\text{30.5 cm}$ IN LOG opposite of this			

PL - NT  
TAIL - 3

68

Dates	Tag Nos.	Measurements	Wt.	Loc.	Remarks
1/29/78	2182	$\textcircled{43.2 \text{ cm}}$ C- 17 x 15	25lbs	PIER	LOSEC <sup>EH</sup>
	2183	$\textcircled{35.6 \text{ cm}}$ in log opposite $\longleftrightarrow$ of this S- 14 x 13 $\frac{1}{4}$			



69

Dates	Tag Nos.	Measurements	Wt.	Loc.	Remarks
1/29/78	2184	$\text{C-} \overset{53.3 \text{ cm}}{21} \times 19\frac{1}{4}$	45lbs	Near runway 33	MR. SEV
	2185	$\text{S-} \overset{43.2 \text{ cm}}{17} \times 17$			
		PL-3 $\frac{1}{2}$ ?			
		TAIL-1 $\frac{1}{2}$			

70

Dates	Tag Nos.	Measurements	Wt.	Loc.	Remarks
2/4/78	2186	40.6 cm C-16 x 14	23lbs	INNER HARBOR	?
	2187	38.7 cm S-15 <sup>1</sup> / <sub>4</sub> x 12 <sup>1</sup> / <sub>2</sub>			

PL-12.5

TAIL-.75



MIDWAY 2/16 - 2/24; 3/4/78



Dates	Tag Nos.	Measurements	Wt.	Loc.	Remarks
2/18/78	2451 <sup>RFL</sup> 2452 <sup>RF</sup> 2453 LFL	$\textcircled{57.5 \text{ cm}}$ C - $22\frac{5}{8} \times 20\frac{7}{8}$	48lbs	BACK SIDE EASTERN	BALAZS - KAM

SEE  
p59 IN  
EXPED. BOOK

$\textcircled{53.7 \text{ cm}}$   
S -  $21\frac{1}{8} \times 16\frac{5}{8}$

PL -  $16\frac{7}{8}$   
TAIL -  $3\frac{1}{4}$   
HEAD -  $3\frac{1}{4}$

97

Date	TAG NOS.	Measurements	Wt.	Loc.	Remarks
2/19/78	2456 RFL	$43.2\text{cm}$ C-17 x 16	21lbs		BALAZS KRM
see p63 EXPED. BOOK	2457 LFL	$40.6\text{cm}$ S-16 x $13\frac{3}{4}$			END of CARGO PIER ON Bottom

PL -  $12\frac{5}{8}$   
 HEAD -  $2\frac{3}{8}$   
 TAIL -  $3\frac{3}{8}$



(73)

<u>Dates</u>	<u>TAG NOS.</u>	<u>Measurements</u>	<u>wt. loc.</u>	<u>Remarks</u>
2/21/78	2458 RFL	$\textcircled{40.3 \text{ cm}}$ C- $15\frac{7}{8}$ x $14\frac{1}{4}$	$13\frac{1}{2}$ lbs	KAM - BALAZS

2459 LFL

REEF  
HOTEL

$\textcircled{38.1 \text{ cm}}$   
S-15 x  $12\frac{1}{8}$

SEE P69  
EXPED.  
BOOK

PL -  $12\frac{1}{8}$   
HEAD -  $2\frac{3}{8}$   
TAIL - 3

74

<u>Dates</u>	<u>TAG NOS.</u>	<u>Measurements</u>	<u>Wt.</u>	<u>Loc.</u>	<u>Remarks</u>
2/23/78	2460 LFL	$42.5 \text{ cm}$ C- $16\frac{3}{4} \times 14\frac{5}{8}$	19165		BAMAS PEKELDER  BACK SIDE OF EASTERN
	2461 RFL	$40.6 \text{ cm}$ S- $16 \times 12\frac{3}{8}$			

SEE P 75  
EXPED. BOOK

PL -  $12\frac{3}{4}$   
TAIL -  $2\frac{1}{2}$   
HEAD -  $2\frac{1}{2}$



(75)

<u>Dates</u>	<u>TAG NOS.</u>	<u>MEASUREMENTS</u>	<u>WT.</u>	<u>LOC.</u>	<u>REMARKS</u>
3/23/78	2188	$\text{S} - 17\frac{1}{2} \times 14\frac{1}{2}$	29 $\frac{1}{2}$		Robert- Bob DAVIS "along reef at Eastern"
	2189	$\text{S} - 18\frac{1}{2} \times 16\frac{3}{4}$			
		PL - 14 $\frac{1}{4}$			
		TAIL - 3"			

(76)

<u>Dates</u>	<u>Measurements</u>	<u>TAG NOS.</u>	<u>WT.</u>	<u>Loc.</u>	<u>Remarks</u>
3/25/78	2190	Reverse ← → S-18 x 14 <sup>1</sup> / <sub>4</sub>	30lbs		DR. RHEA
	2191	45.1 cm S-19 <sup>1</sup> / <sub>4</sub> x 16 <sup>7</sup> / <sub>8</sub>		Well's HARBOR	
		PL-14 <sup>1</sup> / <sub>4</sub>			
		TAIL-3 <sup>1</sup> / <sub>8</sub>			



(97)

Dates	TAG NOS.	MEASUREMENTS	Wt.	Loc.	Remarks
4/23/78	2192	C- $17\frac{7}{8} \times 16\frac{3}{4}$ 45.4 cm	211bs	EASTERN	Gloria D. McCUISTRON
	2193	S- $17\frac{1}{8} \times 14\frac{3}{8}$ 43.5 cm			"behind Eastern"
		PL- $13\frac{1}{2}$ TAIL-3"			

(78)

<u>Dates</u>	<u>Tags Nos.</u>	<u>Measurements</u>	<u>Wt.</u>	<u>Loc.</u>	<u>Remarks</u>
5/6/78	2194	$\text{C-}16\frac{1}{4} \times 15\frac{1}{8}$ (41.3 cm)	24lbs	Hotel ALBP	"Lossett"
	2195	$\text{S-}15\frac{1}{2} \times 12\frac{3}{4}$ (39.4 cm)			"Lagoon Tanks- Hotel"
		PL-12 $\frac{1}{2}$ TAIL-2 $\frac{1}{2}$			

79

<u>Dates</u>	<u>Tag Nos.</u>	<u>Measurements</u>	<u>Wt.</u>	<u>Loc.</u>	<u>Remarks</u>
5/19/78	2196	C-20 x 18 $\frac{1}{2}$ (50.8 cm)	40lbs		LINDAS Patch
	2197	S-19 x 15 $\frac{1}{4}$ (48.3 cm)		behind spits	"Jumped on from boat" "Linda & Gary Means"

PL - 15 $\frac{1}{4}$   
TAIL - 3 $\frac{1}{4}$



80

<u>Dates</u>	<u>Tag NOS.</u>	<u>Measurements</u>	<u>Wt.</u>	<u>Loc.</u>	<u>Remarks</u>
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5/21/78

2198

reversed  
SME  
2/13/01
<sup>SCL</sup>  
~~Q-14~~ x 15 1/4  
 35.6 cm

20 lbs

Behind  
EASTERN

2199

 S-14 3/4 x 12  
 37.5 cm
CHRIS  
TORRENCE

PL-20

TAIL-2 3/4

80

<u>Dates</u>	<u>Tag Nos.</u>	<u>Measurements</u>	<u>wt.</u>	<u>Loc.</u>	<u>Remarks</u>
5/21/78	2200	C-17 $\frac{1}{2}$ x 19 $\frac{1}{4}$	36lbs	behind Eastern	
	2551	S-18 $\frac{1}{2}$ x 15 $\frac{1}{4}$			Chris Torrence
		PL-15			
		TAIL-3			

← reversed

48.9cm

47.0cm

27 months  
started in

8/106/80

9552

S-496

321

2553

3470cm

C-525

490

PL-224

46lbs

HEAD-6.3

TAIL-10.5



82 &amp; 103

<u>Dates</u>	<u>Tag Nos.</u>	<u>Measurements</u>	<u>Wt.</u>	<u>Loc.</u>	<u>Remarks</u>
5/21/78	2552	S-19 1/8 x 15 3/4 48.6cm 40.0cm	45lbs	behind EASTERN	GARY MEANS
	2553	C-20 x 18 1/2 50.8cm 47.0			
		PL-16 1/2 41.9cm			
		TAIL-3 7.6			

27 months  
ELAPSED TIME

8/26/80	2552	S-49.6	x	39.1	BALABES/ HAM
	2553				S. EASTERN NIGHT DIVE
	3470 new	C-52.5	x	49.0	P. 43 GRAYBACK
		PL-42.4			29.5°C
		HEAD- 8.3			
		TAIL- 10.5			
				46lbs	



(83)

Dates	Tag Nos.	Measurements	Wt.	Loc.	Remarks
5/28/78	2554 2555	C - $15\frac{1}{2}$ x $14\frac{1}{8}$ <u>39.4</u> cm      35.9	19/65	Green Blue water by Hotel J	LOSECH
		S - $14\frac{3}{4}$ x $12\frac{1}{4}$ <u>37.5</u> cm      31.1			
		PL - 12      30.5			
		TAIL - 3      7.6			

(84)

<u>Dates</u>	<u>Tag Nos.</u>	<u>Measurements</u>	<u>Wt.</u>	<u>Loc.</u>	<u>Remarks</u>
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30lbs

6/18/78	2556				
	2557				

C-18 <sup>1</sup> / <sub>4</sub> x 16	
46.4cm	40.6

EASTERN-  
BacksideR. Trevino  
"Jumped on  
from boat"

S-17 <sup>1</sup> / <sub>4</sub> x 14	
43.8cm	35.6

PL-13<sup>3</sup>/<sub>4</sub> 34.9

TAIL - 3 7.6

(85)

<u>Dates</u>	<u>Tag Nos.</u>	<u>Measurements</u>	<u>wt.</u> 29lbs	<u>Loc.</u>	<u>Remarks</u>
6/18/78	2558	C-18 x 16 1/4 45.7cm 41.3		EASTERN BACKSIDE	
	2559	S-17 x 14 43.2cm 35.6		G. HIXS	Jumped from boat
		PL-13 1/2			
		TAIL-4			



86

<u>Dates</u>	<u>Tag NOS.</u>	<u>MEASUREMENTS</u>	<u>wt.</u>	<u>Loc.</u>	<u>REMARKS</u>
			28lbs		
6/18/78	2560	C- $17\frac{7}{8}$ x 16 45.4 cm	40.6		
	2561	S- $16\frac{3}{4}$ x 42.5 cm	33.7		MARK BAKARICH
		PL- $13\frac{3}{4}$ TAIL- 3		EASTERN Backside	Jumped from boat

87

<u>DATES</u>	<u>TAG NOS.</u>	<u>MEASUREMENTS</u>	<u>WT.</u>	<u>LOC.</u>	<u>REMARKS</u>
6/18/78	2562	$C - 16\frac{1}{8} \times 14\frac{1}{2}$ 41.0cm	22lbs		
	2563	$S - 15\frac{1}{4} \times 12\frac{1}{4}$ 38.7cm		Back Eastern	
		PL - $12\frac{1}{2}$			TIM NASTON
		TAIL - $2\frac{1}{2}$			Jumped from boat

88

<u>DATES</u>	<u>TAG NOS</u>	<u>MEASUREMENTS</u>	<u>WT.</u>	<u>LOC.</u>	<u>REMARKS</u>
6/18/78	2564	C- $19\frac{1}{4}$ x $17\frac{1}{2}$	33lbs		Jumped from Boat
	2565	S- $18\frac{1}{4}$ x $14\frac{3}{4}$			
		PL- $15\frac{1}{2}$		Eastern Backside	
		TAIL - $3\frac{1}{4}$			Mark SPIRLING



Nancy Hoffman USFWS

Recaptured = 70.5 SCL

89

Midway Tw tie beach BASK

4/8/2000

75.0 CCL

now 22 years  
40

DATES

TAG NOS.

MEASUREMENTS WT. LOC. REMARKS

6/18/78

2566

62.9 cm x 62.9 75lbs  
C-24<sup>3</sup>/<sub>4</sub> x 24<sup>3</sup>/<sub>4</sub>  
59.4 cm x 50.5 cm  
S-23<sup>3</sup>/<sub>8</sub> x 19<sup>7</sup>/<sub>8</sub>

EASTERN  
Backside

2567

48.9 cm

PL-19<sup>1</sup>/<sub>4</sub>

TAIL-5<sup>3</sup>/<sub>8</sub>

13.6 cm

MARK  
SPIRLING

Jumped from  
boat

2566 road

2 pit tags, hwd flippers =

4/8/2000

414841888E  
413B16185B

90

<u>DATES</u>	<u>TAG NOS.</u>	<u>MEASUREMENTS</u>	<u>WT.</u>	<u>LOC.</u>	<u>REMARKS</u>
10/6/78	2972 LFL	S - $16\frac{1}{2}$ x $13\frac{3}{4}$ <u>41.9 cm</u>	18 $\frac{1}{2}$ lbs	MIDWAY	spit IS.
	2973 RFL				

see  
p. 91

C -  $16\frac{1}{2}$  x  $13\frac{3}{4}$   
41.9 cm

PL -  $13\frac{1}{8}$ HEAD -  $2\frac{5}{8}$ TAIL -  $2\frac{5}{8}$



(91)

<u>DATES</u>	<u>TAG NOS.</u>	<u>MEASUREMENTS</u>	<u>WT.</u>	<u>LOC.</u>	<u>REMARKS</u>
10/6/78	2974 RFL 2975 LFL	S-16 <sup>1</sup> / <sub>8</sub> x 13 <sup>3</sup> / <sub>8</sub> (41.0cm)	20lbs	MIDWAY	spit IS.
		C-16 <sup>3</sup> / <sub>4</sub> x 15 <sup>3</sup> / <sub>4</sub> (42.5cm)			see p.91

PL - 13<sup>1</sup>/<sub>8</sub>  
 HEAD - 2<sup>3</sup>/<sub>4</sub>  
 TAIL - 2<sup>1</sup>/<sub>2</sub>



<u>DATES</u>	<u>TAG NOS.</u>	<u>MEASUREMENTS</u>	<u>WT.</u>	<u>LOC.</u>	<u>REMARKS</u>
		S-15 $\frac{1}{8}$ x 12 $\frac{1}{2}$	13lbs	Midway	
	2976LFL	38.4 cm			
10/6/78	2977RFL	C-15 $\frac{1}{8}$ x 12 $\frac{1}{2}$			see p. 92
		38.4 cm			
		PL-12 $\frac{1}{16}$			
		HEAD-2 $\frac{1}{2}$			
		TAIL-2 $\frac{5}{8}$			

<u>DATES</u>	<u>TAG NOS.</u>	<u>MEASUREMENTS</u>	<u>WT.</u>	<u>LOC.</u>	<u>REMARKS</u>
10/18/78	2572, 2573	$\text{C} - \overset{58.4\text{cm}}{23} \times 20$ $\text{S} - \overset{54.6\text{cm}}{21\frac{1}{2}} \times 17$  $\text{PL} - 17\frac{1}{2}$ $\text{TAIL} - 3''$	47lbs	"West side of Eastern Is. by dock HAGERDON	 from - HX Xerox sent by Gilliam 2/80  "Right hind quarter has large piece missing"



<u>Dates</u>	<u>Tag nos.</u>	<u>Measurements</u>	<u>wt.</u>	<u>Remarks</u>
12/15/48		52.1 cm	3916	
2574, 2575		C-20 1/2 x 17 3/4		"on NAUFAC Road"
		48.3 cm		Berguin's
		S-19 x 15		
		PL-15 1/2		from KK log
		TAIL - 1"		never sold by Gilliam 2/80



<u>Dates</u>	<u>Tag NOS.</u>	<u>Measurements</u>	<u>wt</u>	<u>Remarks</u>
Sometime between 12/15/78 and 3/3/79	2924, 2925	45.1 cm	30 lbs	"end of Cargo pier right eye is poked out - Furnace - Rose"
		C-17 <sup>3/4</sup> x 15 <sup>3/4</sup>		
		42.5 cm		
		S-16 <sup>3/4</sup> x 13 <sup>3/4</sup>		
		PL-14 <sup>1/4</sup> "		
		TAIL-1 <sup>1/4</sup> "		from KK log knots sent by Gilliam 2/80

<u>Dates</u>	<u>Tag Nos.</u>	<u>Measurements</u>	<u>Wt</u>	<u>Remarks</u>
3/3/79	2922, 2923	C - $16\frac{1}{4} \times 14\frac{7}{8}$ $41.3\text{cm}$ $38.7\text{cm}$	25lbs	"Cargo pier Female Southard"
		S - $15\frac{1}{4} \times 13\frac{1}{8}$		
		PL - $13\frac{3}{8}$		
		TAIL - 1"		
				from KK log Xerox sent by Gilliam 2/80



97

<u>Dates</u>	<u>Tag nos.</u>	<u>Measurements</u>	<u>wt</u>	<u>Remarks</u>
3/8/79	2920, 2921	C-17 <sup>3/8</sup> x 16 <sup>1/8</sup> 44.1 cm	28 lbs	
		S-16 <sup>1/4</sup> x 13 <sup>3/8</sup> 41.3 cm		"Cargo Pies female - Rose"
		PL-14 <sup>1/4</sup>		
		TAIL 7/8		from Kk log xerox sent by Gilliam 2/80



<u>Dates</u>	<u>Tag nos.</u>	<u>Measurements</u>	<u>wt.</u>	<u>Remarks</u>
3/14/79	2918, 2919	<p>(45.1 cm)</p> <p>C - <math>17\frac{3}{4} \times 16\frac{7}{8}</math></p> <p>(41.9 cm)</p> <p>S - <math>16\frac{1}{2} \times 14\frac{5}{8}</math></p> <p>PL - 14</p> <p>TAIL - <math>1\frac{1}{8}</math></p>	27 lbs	<p>"Cargo pier (female)"</p> <p>from K. K. Loy xerox sent by Gilliam 2/80</p>

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<u>Dates</u>	<u>Tag nos.</u>	<u>Measurements</u>	<u>Wt.</u>	<u>Remarks</u>
3/26/79	2916, 2917	<u>41.0 cm</u> C- $16\frac{1}{8} \times 15\frac{3}{8}$	23 lbs	"Cargo pier "Ski" "
		<u>39.4 cm</u> S- $15\frac{1}{2} \times 13\frac{3}{8}$		
		PL- $13\frac{3}{8}$ " TAIL- 1"		from H. H. Lay measured by Gilliam 2/80



<u>Dates</u>	<u>Tag nos.</u>	<u>Measurements</u>	<u>wt</u>	<u>Remarks</u>
<u>no date</u>	174, 173	but could be	52 lbs	"fuel pier" "already tagged" "Willet"
follows 3/26/79	<u>2174</u> , <u>2173</u>	∴ also see Page 117 Book I		
but probably prior to July (7/79)		C - $22\frac{1}{2}$ x $19\frac{7}{8}$ <i>(57.1cm)</i>		from KK log revised by Gilliam 2/80
		S - $21\frac{3}{8}$ x $16\frac{1}{2}$ <i>(54.3cm)</i>		informed 3/12/80 that he's no longer at Midway
		PL - F8		
		TAIL - $1\frac{3}{4}$		



Dates	Tag Nos	Measurements	wt.	Remarks
3/12/80	2637 2638	S-48.7 x 40.5	34lbs	South/back side of Eastern -
		C-51.4 x 48.3		Sleeping by coral close to shore -
		PL - 39.5 HEAD - 7.6 TAIL - 8.1		BALAZS - KAM
				lots of skin Balgae P.10 Gray Book

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Dates	Tag nos.	Measurements	wt.	Remarks
3/12/80	2640 2641	S-57.7 x 46.6 C-61.0 x 55.8 PL- 47.3 HEAD- 9.2 TAIL- 11.5	60lbs	Asleep in depression in deeper hole out by reef. Scab on left eye - lots of skin algae - piece missing in webbing between 1st & 2nd scale of right front flipper. BALANCE - KAM P. 9 - Gray book

<u>Dates</u>	<u>TAG NOS.</u>	<u>Measurements</u>	<u>wt</u>	<u>Remarks</u>
8/26/80	3468 RFL	S-49.1 x 39.8	4 lbs	TAG HOLE and missing piece indicate presence of old tags
	3469 LFL			Seawater 29.5°C BALABES/kam GRAYBOOK p. 44



<u>DATES</u>	<u>MEASUREMENTS</u>	<u>TAG NOS.</u>	<u>WT</u>	<u>REMARKS</u>
8/27/80	S - 53.8 cm x 44.	3471 RFL 3472 LFL 1 <sup>st</sup> scale	51 lbs	DAYTIME "popular" Sleeping AREA - S. EASTERN BALTES/ KAM 27.5°C
	C - 58.0 cm x 53.3			<del>Cedone</del>
	PL - 42.5			GRAYBOOK p. 45
	HEAD - 8.0			
	TAIL - 10.0			

## SEA TURTLE TAGGING FORM

CRAIG ROWLAND / BRENDA BECKER

tag locations are primary tag site numbers of new tags checked and any old already present <sup>1</sup>	Species <sup>2</sup> and sex (if known)	Date and time	Place-name location (or latitude and longitude)	Activity of the turtle <sup>3</sup>
LEFT N11 N10	CM Unknown sex	8/19/91 0747 1991	Midway - Sand Island 1/2 way between Rusty bucket & the pavillion North shore	Swimming 46.5 CCT
N13 N12	CM Unknown sex	8/19/91 0812 1991		Swimming 44.0



# SEA TURTLE TAGGING FORM

* Primary tagging sites ID numbers of new tags attached and any old tags already present.		Species <sup>2</sup> and sex (if known)	Date and time	Place-name location (or latitude and longitude)	Activity of the turtle <sup>3</sup>	Curved carapace length <sup>4</sup>
Left front Flipper N15	Right front Flipper N14	CM Unknown SEX	8/4/91 1605 1991	midway sand Island abandoned outflow pipe west beach	swimming	40.6 cm 40.6
N17	N16 N17	CM UNKNOWN SEX	8/6/91 1630 1991	MIDWAY SAND ISLAND CORAL HOARD MOUNTAIN ABANDONED OUTFLOW PIPE WEST BEACH	Resting under coral head	44.5 ♂ JUVENILE

<sup>1</sup>If old tags are present, please carefully record the ID number and the complete address inscription. Indicate if the tag is made of metal or plastic. Use the back of this form if more space is needed to provide details on each turtle handled. Two tags should be applied to all turtles handled.

<sup>2</sup>CM = *Chelonia mydas* (green turtle), EI = *Eretmochelys imbricata* (hawksbill), CC = *Caretta caretta* (loggerhead), LO = *Leidochelys olivacea* (olive ridley), DC = *Dermochelys coriacea* (leatherback), ND = *Natator depressa* (Australian flatback).

<sup>3</sup>Activities include (for example) nesting on the beach, swimming or resting in the sea, injured or found sick, etc.

<sup>4</sup>Measured with a flexible tape along the curvature of the midline of the upper shell (carapace).

Name and address of person  
filling out this form:  
Don Williamson (USFWS)  
Craig Rowland (USFWS)  
Brenda Becker (NMFS)

Return to: G. Balazs  
HONOLULU LABORATORY



ID numbers of new tags attached and any old tags already present <sup>1</sup>		Species <sup>2</sup> and sex (if known)	Date and time	Place-name location (or latitude and longitude)	Activity of the turtle <sup>3</sup>	Curved carapace length <sup>4</sup>
Left front flipper	Right front flipper					
N-26	N-18	Green ♀	12 May 97 12:45 pm	Sand Is., Midway East of seaplane ramp	Basking resting ~ 2 feet out of water	91.5 cm
N-21	N-20	Green ♀	19 May 97 9:20 am	Sand Is., Midway East of seaplane ramp	Basking Same as above	95 cm

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<sup>4</sup>Measured with a flexible tape along the curvature of the midline of the upper shell (carapace).

RETURN TO: G. BALAZS

HONOLULU LABORATORY  
Southwest Fisheries Center  
2570 Dole Street  
Honolulu, HI 96822-2396

Name and address of person filling out this form:

Nanette Seto, Midway Atoll NWR  
US Fish and Wildlife Service  
PO Box 4  
FPO AP 96516



## United States Department of the Interior

FISH AND WILDLIFE SERVICE  
MIDWAY ATOLL NATIONAL WILDLIFE REFUGE  
P.O. BOX 4, MIDWAY ATOLL  
FPO AP 96516  
PHONE/FAX: (808) 471-1110 EXT 416

5 June 1997

George Balazs  
National Marine Fisheries Service  
Southwest Fisheries Center Honolulu Laboratory  
2570 Dole St.  
Honolulu, Hawaii 96822-2396

Dear George:

Rob Shallenberger tagged two large turtles that were hauled up on Sand Island this past month. I have enclosed a tagging form with the information.

Please contact me if you would like further information or have any questions.

Sincerely,

*Nanette W. H. Seto*

Nanette W.H. Seto  
Wildlife Biologist

## Midway Atoll NWR - Turtle Tagging Records

1997

<u>Date</u>	<u>Left</u>	<u>Right</u>	<u>Sex</u>	<u>Location</u>	<u>Activity</u>	<u>Carapace</u>
5/12/97	N26	N18	Female	Turtle Beach	Basking	91.5 cm
5/19/97	N21	N20	Female	"	"	95.0 cm
12/5/98		N22	Female	"	"	90.0 cm

(\* Note: This turtle had extensive papilloma in arm pits, on neck and at rear portion of each eye. Turtle was also more lethargic than most turtles when handled for tagging. This turtle has been resighted in the same area on several occasions through 1/19/99)

1998

12/10/98	N24	N25	Male	"	"	87.0 cm
1/14/99	N28	N27	Female	"	"	98.0 cm
1/14/99	N29	N30	Female	"	"	82.0 cm
1/14/99	N31	N32	Female	"	"	97.0 cm

Midway Inventory of unused Bands as of 1 Sept. 1999.

<u>Metal Bands</u>	<u>Numbers</u>	<u>Condition</u>
	N-9	non-useable
	N-19	non-useable
	N-23	useable
	N-33	
	N-50	useable

} examples of how they should be fully locked

PIT Tags

29 available tags



Tag No.	No. months	Wt. lbs
911	7-10	+1
T89	1-17	-1
A609 <sup>EXT</sup>	28-14	+6
T88	1-14	-1
913	10-19	-3
873	37-5	+5
T79	4-2	-4
A615	27-15	+2
T98	3-12	-5
T96	4-14	-2
T97	6-17	+1
T439	4-26	+3
T429	4-6	+3
T407	28-8	+7
T472	6-7	0
1461	33-7	JOHNSONS
1474 <sup>EXT</sup>	16-	+5½
1480	5-4	-1
1482 <sup>EXT</sup>	20-3	0
1479	11-15	+6
2178	7-2	+5

20 total with weights

as of

2/23/78

27

1X

Recoveries and

4 - 2X

1 - 3X



SUMMARY <sup>as of</sup> 5/14/79

(with increase)

LOCATION	CENTIMETERS/MONTH		YEARS TO MATURITY		Number of Growth Measurements (N)
	RANGE	MEAN	RANGE (from 35cm)	MEAN	
KAUAI	.38 - .52	.44	12.3 - 9.0	10.6	4 (Two on same turtle)
No. Captures - 86					
NO. Turtles - 78		.087		53.6	25.7 months
BELLOWS <sup>5019-</sup>	.19 - .21	0.20	24.6 - 22.6	23.3	2
No. Captures - 23					
NO. Turtles - 21					
NECKER					2 (one no growth)
No. Captures - 9	-	0.14	-	33.3	
NO. Turtles - 7					
FFS	.015 - .13	0.08	311.1 - 35.9	58.3	18 (2-2's same turtle)
No. Captures - 215					
NO. Turtles - 129					
LISIANSKI	-	0.13	-	35.9	3 (2.5 month interval)
No. Captures - 26					
NO. Turtles - 19					
MIDWAY	.03 - .21	0.09	155.6 - 22.2	51.9	8
No. Captures - 293					
NO. Turtles - 250					
KURE	.04 - .12	0.08	116.7 - 38.9	58.3	2
No. Captures - 22					
NO. Turtles - 20					
Total No. Captures - all Locations: 665					
Total No. Turtles - all Locations: 518					

copies  
1/21/99

MIDWAY/KURE  
- DATA USED IN IUCN/SSC NEWLETTER ARTICLE #

NO. pages	MONTHS DAYS	PER MONTH INCHES	INCREASE CM	CM ROUNDED	STRAIGHT LENGTH CHANGE	page	Tag
16 1	20-29	.0119	.030	.03	16" 40.6cm	X	404
19 2	37-5	.0162	.041	.04	16 1/2 - 17.1 41.9cm	X	873
35 3	28-8	.0443	.113	.11	21.7 - 23 55.1cm		407
37 4	6-7	.0806	.21	.21	19 1/4 - 19 3/4 48.9cm	X	472
65 5	13-23	.0455	.126	.12	19 7/8 - 20 1/2		1539
" 6	7-26	.0156	.040	.04	50.5 → 52.1		1539
83 7	11-15	.0435	.110	.11	18 - 18 1/2 45.7	X	1539
9 8	7-22	.0325	.083	.08	15 3/4 - 16 40.0cm	X	2454
KURE 9	13	.0481	.122	.12			560 months = 46.6 yrs



KAU, HAWAII see  
kouBook

120

NO.	MONTHS-DAYS	PER MONTH INCREASE		CM ROUNDED	STRAIGHT LENGTH CHANGE	
		INCHES	CM			
1	7-12		.381	.38	22 <sup>3</sup> / <sub>8</sub>	
2	7-15		.381	.38	22 <sup>7</sup> / <sub>8</sub>	
3	8-15		.52	.52	21 <sup>3</sup> / <sub>4</sub>	
4	.49		.49	.49	18 <sup>3</sup> / <sub>4</sub>	X = .44cm 127 months - 10yr 6mon
		<b>RATES</b>		35 → 91cm (56)		
.02 <small>cm/mon</small>	2800 <small>mons</small>	233.3 <small>years</small>				
.04 <small>cm/mon</small>	1400	116.7				
.06	933	77.8		.54 <small>cm/mon</small>	104 <small>mons</small>	8.7 <small>years</small>
.08	700	58.3		.56	100	8.3
.10	560	46.7		.58	97	8.1
.12	467	38.9		.60	93	7.7
.14	400	33.3		.62	90	7.5
.16	350	29.2		.64	87	7.2
.18	311	25.9		.66	85	7.1
.20	280	23.3		.68	82	6.8
.22	255	21.2				
.24	233	19.4				
.26	215	17.9				
.28	200	16.7				
.30	187	15.6				
.32	175	14.6				
.34	160	13.3				
.36	155	12.9				
.38	147	12.3				
.40	140	11.7				
.42	133	11.1				
.44	127	10.6				
.46	122	10.2				
.48	117	9.7				
.50	112	9.3				
.52	108	9				

G.H. BAILEY

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MIDWAY ISLANDS  
GREEN TURTLE TAGGINGS

BOOK TWO