

G. H. BALAZS

MOLOKAI

18-23 JULY 2004

2 OF 2

MOLOKAI  
2004 BALAZS



Revised 04/04/01

NMFS, HONOLULU LAB  
Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

Moved 7/21 Pm TO  
SITE B  
See page 56  
for Cat. Long

DAY 4

Recapture

DATE FORM FILLED OUT

CAPTURE DATE/LOCATION AND METHOD:

7/22/04 PALAU
BULL PEN

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT:  
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

413568122E
413632373A

NEW TAGS:

RFL
LFL

STRAIGHT CARAPACE - LENGTH:

65.3 cm

WIDTH: — cm

NOTCH LENGTH:

65.0 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

69.5 cm

WIDTH: — cm

HEAD WIDTH:

— cm

AXIAL: 25.9 cm

LATERAL: — cm

PPS: YES OR NO OR NE

—

SEX: Male, Female  
or Undetermined

0

TAIL LENGTH: T

— cm

C — cm

RIGHT FRONT FLIPPER WIDTH:

— cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

— cm

WEIGHT:

— #

DESCRIPTIVE REMARKS:

SMALL POTATOS STRUCTURES  
posterior corner  
Both eyes



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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/22/04	Palaau Bullpen
PERSON RECORDING DATA: JTB	

TUMOR SCORE

2

ORAL TMRS EXT:

YES OR NO

—

EMACIATION CODE

0

OLD TAGS:


NEW TAGS:

RF	45242A0542	LH
LF		
	4523006D16	RH

STRAIGHT CARAPACE - LENGTH:

60.0 cm

WIDTH:

44.9 cm

NOTCH LENGTH:

59.8 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

64.0 cm

WIDTH:

54.5 cm

HEAD WIDTH:

— cm

AXIAL:

22.0 cm

LATERAL:

— cm

PPS: YES OR NO OR NE

—

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

✓ cm

C

— cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

— cm

PLASTRON LENGTH:

— cm

WEIGHT:

— #

DESCRIPTIVE REMARKS:

glucose
GB-100

LHF 1-#2  
PATCH

2-#2 Neck  
Left anterior carapace 1-#4  
DORSAL



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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/22/04	Palaau	Bullpen
PERSON RECORDING DATA: <input checked="" type="checkbox"/> JB		

TUMOR SCORE  0

ORAL TMRS EXT: YES OR NO  -

EMACIATION CODE  0

OLD TAGS:


NEW TAGS:

RFL  LFL

452368480D LH

46073E1A1E RH

STRAIGHT CARAPACE - LENGTH:  cm WIDTH:  cm

NOTCH LENGTH:  cm DB:  L.O. VB:  L.O.

CURVED CARAPACE LENGTH:  cm WIDTH:  cm

HEAD WIDTH:  cm AXIAL:  cm LATERAL:  cm

PPS: YES OR NO OR NE  SEX: Male, Female or Undetermined

TAIL LENGTH: T  cm C  cm

RIGHT FRONT FLIPPER WIDTH:  cm SAMPLES COLLECTED:

PLASTRON LENGTH:  cm

WEIGHT:  #

DESCRIPTIVE REMARKS: POTATO Structures GB-92 Glucose MR-92 "

L+R eye posterior



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(E)

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/22/04 Palaau Bull pen  
PERSON RECORDING DATA: JB

TUMOR SCORE: 1  
ORAL TMRS EXT: YES OR NO: -  
EMACIATION CODE: 0

OLD TAGS:

NEW TAGS:  
4603651B48 LH  
4607654F09 RH

STRAIGHT CARAPACE - LENGTH: 68.8 cm WIDTH: 52.6 cm

NOTCH LENGTH: 68.6 cm DB: 0 L.O. VB: 0 L.O.

CURVED CARAPACE LENGTH: 73.0 cm WIDTH: 62.0 cm

HEAD WIDTH: - cm AXIAL: 25.7 cm LATERAL: - cm

PPS: YES OR NO OR NE: - SEX: Male, Female or Undetermined: U

TAIL LENGTH: T: - cm C: - cm

RIGHT FRONT FLIPPER WIDTH: - cm SAMPLES COLLECTED:

PLASTRON LENGTH: - cm

WEIGHT: - # LFF ~~area~~ ARMPIT area

DESCRIPTIVE REMARKS: 1-#2 with 3 smooth Lobes

Children guided turtle seaward. KS



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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/22/04	Palaau
PERSON RECORDING DATA: VB	Bull pen

TUMOR SCORE

0

ORAL TMRS EXT:

YES OR NO  
-

EMACIATION CODE

0

OLD TAGS:


NEW TAGS:

RFL	4607566F02	RH
LFL		
	46072E1E68	RH

STRAIGHT CARAPACE - LENGTH:

64.8 cm

WIDTH:

50.9 cm

NOTCH LENGTH:

64.4 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

70.0 cm

WIDTH:

62.0 cm

HEAD WIDTH:

- cm

AXIAL:

27.6 cm

LATERAL:

- cm

PPS: YES OR NO OR NE

-

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

- cm

C

- cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

- cm

PLASTRON LENGTH:

- cm

WEIGHT:

- #

DESCRIPTIVE REMARKS:

Glucose-GB-66  
MR-78



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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/22/04	Palaau Bullpen
PERSON RECORDING DATA: JPB	

TUMOR SCORE  
  
 ORAL TMRS EXT:  
 YES OR NO  
  
 EMACIATION CODE

OLD TAGS:


NEW TAGS:

REFL	460209210E	LH
LFL		
	457C0A147D	RH

STRAIGHT CARAPACE - LENGTH:  cm      WIDTH:  cm

NOTCH LENGTH:  cm      DB:  L.O.      VB:  L.O.

CURVED CARAPACE LENGTH:  cm      WIDTH:  cm

HEAD WIDTH:  cm      AXIAL:  cm      LATERAL:  cm

PPS: YES OR NO OR NE       SEX: Male, Female or Undetermined

TAIL LENGTH: T  cm      C  cm

RIGHT FRONT FLIPPER WIDTH:  cm      SAMPLES COLLECTED:

PLASTRON LENGTH:  cm

WEIGHT:  #

DESCRIPTIVE REMARKS:



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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/22/04 ~~Thursday~~ Palau Bullpen  
 PERSON RECORDING DATA: JB

TUMOR SCORE

0

ORAL TMRS EXT:  
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:


NEW TAGS:

REF  
LFL

46077D5233 LH  
 46016F4B08 RH

STRAIGHT CARAPACE - LENGTH:

58.8 cm

WIDTH:

48.8 cm

NOTCH LENGTH:

58.5 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

62.5 cm

WIDTH:

57.5 cm

HEAD WIDTH:

— cm

AXIAL:

21.9 cm

LATERAL:

— cm

PPS: YES OR NO OR NE

—

SEX: Male, Female  
or Undetermined

U

TAIL LENGTH: T

— cm

C

— cm

RIGHT FRONT FLIPPER WIDTH:

— cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

— cm

WEIGHT:

— #

DESCRIPTIVE REMARKS:


PCA on carapace



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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/22/04 Palaau Bullpen  
PERSON RECORDING DATA: JPB

TUMOR SCORE

0

ORAL TMRS EXT:  
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

[Empty boxes for old tags]

NEW TAGS:

REFL 46074F713B  
LFL  
4602045D19

LH  
RH

STRAIGHT CARAPACE - LENGTH:

55.7 cm

WIDTH:

44.1 cm

NOTCH LENGTH:

55.5 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

61.0 cm

WIDTH:

54.5 cm

HEAD WIDTH:

- cm

AXIAL:

25.6 cm

LATERAL:

- cm

PPS: YES OR NO OR NE

-

SEX: Male, Female or Undetermined

0

TAIL LENGTH: T

- cm

C

- cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

- cm

PLASTRON LENGTH:

- cm

WEIGHT:

- #

DESCRIPTIVE REMARKS:

Glucose - GB 72



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## SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/22/04 Palaau Bull pen

PERSON RECORDING DATA: JB

TUMOR SCORE: 1  OLD TAGS: NEW TAGS: 46072C222E  4608027E1B 

ORAL TMRS EXT: YES OR NO  EMACIATION CODE: 1

RFL: RH

STRAIGHT CARAPACE - LENGTH: 48.5 cm WIDTH: 37.3 cm

NOTCH LENGTH: 48.2 cm DB: 0 L.O. VB: 0 L.O.

CURVED CARAPACE LENGTH: 51.5 cm WIDTH: 43.0 cm

HEAD WIDTH:  cm AXIAL: 15.9 cm LATERAL:  cmPPS: YES OR NO OR NE  SEX: Male, Female or Undetermined UTAIL LENGTH: T  cm C  cmRIGHT FRONT FLIPPER WIDTH:  cm SAMPLES COLLECTED:PLASTRON LENGTH:  cmWEIGHT:  #

DESCRIPTIVE REMARKS:

Right eye - 2#2  
 1#1  
 Smooth w/ Full vision



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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/22/04	Papaian Bullpen
PERSON RECORDING DATA: JB	

TUMOR SCORE

1

ORAL TMRS EXT:  
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:


NEW TAGS:

RFL	46017D475F	LH
LFL	[Barcode]	
	4607624A4F	RH
	[Barcode]	

STRAIGHT CARAPACE - LENGTH:

73.1 cm

WIDTH:

- cm

NOTCH LENGTH:

72.6 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

78.5 cm

WIDTH:

- cm

HEAD WIDTH:

- cm

AXIAL:

31.5 cm

LATERAL:

- cm

PPS: YES OR NO OR NE

-

SEX: Male, Female  
or Undetermined

U

TAIL LENGTH: T

- cm

C

- cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

- cm

PLASTRON LENGTH:

- cm

WEIGHT:

- #

DESCRIPTIVE REMARKS:

Glucose GB 636  
MR-112

1 - small #2 RFF ventral  
"drip"



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## SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/22/04 Pahaia Bullpen  
 PERSON RECORDING DATA: JTB

TUMOR SCORE

ORAL TMRS EXT:  
YES OR NO

EMACIATION CODE

OLD TAGS:


NEW TAGS:

RFL

4608082E2C

LFL



46073D3B4D



4H

RH

STRAIGHT CARAPACE - LENGTH:

71.0 cm

WIDTH:

53.4 cm

NOTCH LENGTH:

71.0 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

76.5 cm

WIDTH:

67.0 cm

HEAD WIDTH:

— cm

AXIAL:

29.2 cm

LATERAL:

— cm

PPS: YES OR NO OR NE

SEX: Male, Female  
or Undetermined

TAIL LENGTH: T

— cm

C

— cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

— cm

PLASTRON LENGTH:

— cm

WEIGHT:

— #

DESCRIPTIVE REMARKS:


*Faded handwritten notes at the bottom of the page, possibly including "Pahaia Bullpen" and "7/22/04".*



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## SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/22/04	Palaau	Bullpen
PERSON RECORDING DATA: JB		

TUMOR SCORE

0

ORAL TMRS EXT:

YES OR NO

—

EMACIATION CODE

0

OLD TAGS:


NEW TAGS:

RFL

460737433F

LFL



4607654276



LH

RH

STRAIGHT CARAPACE - LENGTH:

66.7 cm

WIDTH:

55.0 cm

NOTCH LENGTH:

66.4 cm

DB:

0

L.O.

VB:

0

L.O.

CURVED CARAPACE LENGTH:

72.0 cm

WIDTH:

66.5 cm

HEAD WIDTH:

— cm

AXIAL:

27.6 cm

LATERAL:

— cm

PPS: YES OR NO OR NE

—

SEX: Male, Female  
or Undetermined

U

TAIL LENGTH: T

— cm

C

— cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

— cm

PLASTRON LENGTH:

— cm

WEIGHT:

— #

DESCRIPTIVE REMARKS:

Glucose GB-78  
 MR- NOT DONE



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## SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 1 / 1

CAPTURE DATE, LOCATION AND METHOD:

7/22/04 Pataau Bullpen

PERSON RECORDING DATA: JB

TUMOR SCORE

 0

ORAL TMRS EXT:

YES OR NO

 -

EMACIATION CODE

 0

OLD TAGS:

~~46076D4A67~~

NEW TAGS:

RFL 46076D4A67 LH  
 LFL   
 4608022B25 RH  


STRAIGHT CARAPACE - LENGTH:

72.2 cm

WIDTH:

 - cm

NOTCH LENGTH:

71.9 cm

DB:

 0 L.O.

VB:

 0 L.O.

CURVED CARAPACE LENGTH:

77.5 cm

WIDTH:

69.5 cm

HEAD WIDTH:

 - cm

AXIAL:

28.1 cm

LATERAL:

 - cm

PPS: YES OR NO OR NE

 -
SEX: Male, Female  
or Undetermined
 U

TAIL LENGTH: T

 - cm

C

 - cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

 - cm

PLASTRON LENGTH:

 - cm

WEIGHT:

 - #

DESCRIPTIVE REMARKS:



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Recapture

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT

CAPTURE DATE, LOCATION AND METHOD:

7/22/04	Palaau Bullpen
PERSON RECORDING DATA: JB	

TUMOR SCORE

0

ORAL TMRS EXT:  
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

4150537F66


NEW TAGS:

RFL 4601717B25

LFL




RH

STRAIGHT CARAPACE - LENGTH:

64.1 cm

WIDTH: 51.1 cm

NOTCH LENGTH: 63.9 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

68.9 cm

WIDTH: 65.5 cm

HEAD WIDTH: — cm

AXIAL: 24.7 cm

LATERAL: — cm

PPS: YES OR NO OR NE —

SEX: Male, Female or Undetermined J

TAIL LENGTH: T — cm

C — cm

RIGHT FRONT FLIPPER WIDTH: — cm

SAMPLES COLLECTED:

PLASTRON LENGTH: — cm

WEIGHT: — #

DESCRIPTIVE REMARKS:


Pinched Cody's hand



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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/22/04	Palaau	Bullpen
PERSON RECORDING DATA: JP		

TUMOR SCORE

0

ORAL TMRS EXT:

YES OR NO

—

EMACIATION CODE

0

OLD TAGS:


NEW TAGS:

RFL	4607680A06
LFL	
	46077B0E03
	

LH

RH

STRAIGHT CARAPACE - LENGTH:

72.0 cm

WIDTH: 55.3 cm

NOTCH LENGTH:

71.5 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

79.0 cm

WIDTH: 70.0 cm

HEAD WIDTH:

— cm

AXIAL: 32.6 cm

LATERAL: — cm

PPS: YES OR NO OR NE

—

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

— cm

C — cm

RIGHT FRONT FLIPPER WIDTH:

— cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

— cm

WEIGHT:

— #

DESCRIPTIVE REMARKS:




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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/22/04	Palaau	Bullpen
PERSON RECORDING DATA: JB		

TUMOR SCORE

0

ORAL TMRS EXT:  
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:


NEW TAGS:

RFL	46076A5137
LFL	4602134B5A

LH  
RH

STRAIGHT CARAPACE - LENGTH:

77.0 cm

WIDTH: 59.7 cm

NOTCH LENGTH:

76.8 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

— cm

WIDTH: — cm

HEAD WIDTH:

— cm

AXIAL: 29.8 cm

LATERAL: — cm

PPS: YES OR NO OR NE

—

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

— cm

C — cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

— cm

PLASTRON LENGTH:

— cm

WEIGHT:

— #

DESCRIPTIVE REMARKS:

Glucose GB-83  
MR-54;82



END DAY 4  
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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/22/04 Thursday	Palaan	Bull pen
PERSON RECORDING DATA: JB		

TUMOR SCORE

0

ORAL TMRS EXT:  
YES OR NO

~~YES~~

EMACIATION CODE

0

OLD TAGS:


NEW TAGS:

46077B7475



4607556E52



LH

RIX

STRAIGHT CARAPACE - LENGTH:

72.8 cm

WIDTH:

57.9 cm

NOTCH LENGTH:

72.3 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

78.5 cm

WIDTH:

69.0 cm

HEAD WIDTH:

— cm

AXIAL:

29.9 cm

LATERAL:

— cm

PPS: YES OR NO OR NE

—

SEX: Male, Female  
or Undetermined

U

TAIL LENGTH: T

— cm

C

— cm

RIGHT FRONT FLIPPER WIDTH:

— cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

5 — cm

WEIGHT:

— #

DESCRIPTIVE REMARKS:



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SEA TURTLE TAGGING FORM

①

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/23/04 PALAU Bullpen  
Friday

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT:  
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

Empty boxes for old tags

NEW TAGS:

4527504254



4526673F14



STRAIGHT CARAPACE - LENGTH:

77.9 cm

WIDTH: 59.6 cm

NOTCH LENGTH: 77.7 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

84.0 cm

WIDTH: 78.0 cm

HEAD WIDTH: — cm

AXIAL: 32.9 cm

LATERAL: — cm

PPS: YES OR NO OR NE —

SEX: Male, Female  
or Undetermined

U

TAIL LENGTH: T — cm

C — cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH: — cm

PLASTRON LENGTH: — cm

WEIGHT: — #

DESCRIPTIVE REMARKS:

Blindfolded

Knobby protrusion ventral  
left front flipper - video

DAY 5

Recapture -  
PAINTED =  
LH 443A220E23

85

RH 4454374B1C  
from 7/19/04  
(Day 1)

LH  
RH



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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/23/04	frms Palaau	Bull per
PERSON RECORDING DATA: JB		

TUMOR SCORE

0

ORAL TMRS EXT:  
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:


NEW TAGS:

REFL	4526261C75	RFH
REFL		
	45242A5D03	RFH

STRAIGHT CARAPACE - LENGTH:

56.9 cm

WIDTH: 44.3 cm

NOTCH LENGTH: 36.8 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

61.0 cm

WIDTH: 53.5 cm

HEAD WIDTH: — cm

AXIAL: 23.3 cm

LATERAL: — cm

PPS: YES OR NO OR NE —

SEX: Male, Female or Undetermined U

TAIL LENGTH: T — cm

C — cm

RIGHT FRONT FLIPPER WIDTH: — cm

PLASTRON LENGTH: — cm

WEIGHT: — #

DESCRIPTIVE REMARKS:

Glucose GB-40  
MR-

SAMPLES COLLECTED:

Fresh shark scratches in carapace



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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/23/04	Palaau	Bullpen
PERSON RECORDING DATA: <input checked="" type="checkbox"/> JB		

TUMOR SCORE

ORAL TMRS EXT:  
YES OR NO

EMACIATION CODE

OLD TAGS:


NEW TAGS:

<input checked="" type="checkbox"/> RH	4529526B2F	LH
<input checked="" type="checkbox"/> LH		
	452651680E	RH

STRAIGHT-CARAPACE - LENGTH:

cm

WIDTH:

cm

NOTCH LENGTH:

cm

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

cm

WIDTH:

cm

HEAD WIDTH:

cm

AXIAL:

cm

LATERAL:

cm

PPS: YES OR NO OR NE

SEX: Male, Female  
or Undetermined

TAIL LENGTH: T

cm

C

cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

cm

PLASTRON LENGTH:

cm

WEIGHT:

#

DESCRIPTIVE REMARKS:

"potato" structure  
right eye posterior



Revised 04/04/01

NMFS, HONOLULU LAB  
Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

(4)

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/23/04	Palaau	Bullepen
PERSON RECORDING DATA: JB		

TUMOR SCORE <input type="checkbox"/>	OLD TAGS: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	NEW TAGS: 45266A1130  45264F3E77 
ORAL TMRS EXT: YES OR NO <input checked="" type="checkbox"/>		
EMACIATION CODE <input type="checkbox"/>		

STRAIGHT CARAPACE - LENGTH:	75.6 cm	WIDTH:	588 cm
NOTCH LENGTH:	75.2 cm	DB:	0 L.O.
		VB:	0 L.O.
CURVED CARAPACE LENGTH:	82.5 cm	WIDTH:	74.5 cm
HEAD WIDTH:	— cm	AXIAL:	33.8 cm
		LATERAL:	— cm
PPS: YES OR NO OR NE	—	SEX: Male, Female or Undetermined	U
TAIL LENGTH: T	— cm	C	— cm
RIGHT FRONT FLIPPER WIDTH:	— cm	SAMPLES COLLECTED:	
PLASTRON LENGTH:	— cm		
WEIGHT:	— #		
DESCRIPTIVE REMARKS:			

PCA  
Right eye | #1 smooth



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 Honolulu, HI 96822-2396

⑤

## SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/23/04	Palaaay
PERSON RECORDING DATA: JB	Bullpen

TUMOR SCORE <input type="text" value="0"/>	OLD TAGS: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	NEW TAGS: 45292F6431  45241D0546 
ORAL TMRS EXT: YES OR NO <input type="text" value="—"/>		
EMACIATION CODE <input type="text" value="0"/>		

STRAIGHT CARAPACE - LENGTH: <input type="text" value="67.0"/> cm	WIDTH: <input type="text" value="53.1"/> cm
NOTCH LENGTH: <input type="text" value="66.5"/> cm	DB: <input type="text" value="0"/> L.O. VB: <input type="text" value="0"/> L.O.
CURVED CARAPACE LENGTH: <input type="text" value="72.0"/> cm	WIDTH: <input type="text" value="67.0"/> cm
HEAD WIDTH: <input type="text" value="—"/> cm	AXIAL: <input type="text" value="29.9"/> cm LATERAL: <input type="text" value="—"/> cm
PPS: YES OR NO OR NE <input type="text" value="—"/>	SEX: Male, Female or Undetermined <input type="text" value="U"/>
TAIL LENGTH: T <input type="text" value="—"/> cm C <input type="text" value="—"/> cm	
RIGHT FRONT FLIPPER WIDTH: <input type="text" value="—"/> cm	SAMPLES COLLECTED:
PLASTRON LENGTH: <input type="text" value="—"/> cm	
WEIGHT: <input type="text" value="—"/> #	
DESCRIPTIVE REMARKS:	Glucose GB-65 MR-72

potato left + Right eye posterior



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 Marine Turtle Research  
 2570 Dole Street  
 Honolulu, HI 96822-2396

⑥

## SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 1 / 1

CAPTURE DATE, LOCATION AND METHOD:

7/23/04	Palau	Bullpen
PERSON RECORDING DATA: JTB		

TUMOR SCORE

--	--

ORAL TMRS EXT:

YES OR NO

—
---

EMACIATION CODE

0
---

OLD TAGS:


NEW TAGS:

REFL	45240A4970	LH
REFL		
REFL	4529462253	RH
REFL		

STRAIGHT CARAPACE - LENGTH:

74.9 cm

WIDTH:

59.1 cm

NOTCH LENGTH:

74.4 cm

DB:

0 L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

80.0 cm

WIDTH:

74.5 cm

HEAD WIDTH:

— cm

AXIAL:

29.3 cm

LATERAL:

0 cm

PPS: YES OR NO OR NE

—

SEX: Male, Female  
or Undetermined

U

TAIL LENGTH: T

— cm

C

— cm

RIGHT FRONT FLIPPER WIDTH:

— cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

— cm

WEIGHT:

— #

DESCRIPTIVE REMARKS:

--

3 #1 Right eye  
 1 #2 Left eye, likely blind.



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⑨

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/23/04	Palaau	Bullpen
PERSON RECORDING DATA:		

TUMOR SCORE

2

ORAL TMRS EXT:  
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:


NEW TAGS:

RFL	452350201D	LH
	45233D6F16	RH

STRAIGHT CARAPACE - LENGTH:

69.9 cm

WIDTH:

54.4 cm

NOTCH LENGTH:

69.1 cm

DB:

0

L.O.

VB:

0

L.O.

CURVED CARAPACE LENGTH:

75.0 cm

WIDTH:

69.0 cm

HEAD WIDTH:

— cm

AXIAL:

29.3 cm

LATERAL:

— cm

PPS: YES OR NO OR NE

—

SEX: Male, Female  
or Undetermined

U

TAIL LENGTH: T

— cm

C

— cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

— cm

PLASTRON LENGTH:

— cm

WEIGHT:

— #

DESCRIPTIVE REMARKS:

LH 1/4 missing heel / #3 right FF  
#2 L FF



TUMOR SCORES (N=19) 19-23 JULY 04  
5 pickup #13/

TS1 IIII IIII III = 13 ~ 70%

TS2 IIII = 6 ~ 30%

TS3 = 0 0%



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2570 Dole Street  
Honolulu, HI 96822-2396

N=8  
END  
7/23/04  
Friday

8

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/23/04	Palaau	Bullpen
PERSON RECORDING DATA: JB		

TUMOR SCORE

0

ORAL TMRS EXT:  
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:


NEW TAGS:

RF	4528696C19	LH
LF		
	452A1E6F1C	RH

STRAIGHT CARAPACE - LENGTH:

71.7 cm

WIDTH: 56.5 cm

NOTCH LENGTH:

71.5 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

78.0 cm

WIDTH: 68.5 cm

HEAD WIDTH:

— cm

AXIAL: 27.0 cm

LATERAL: — cm

PPS: YES OR NO OR NE

—

SEX: Male, Female  
or Undetermined

U

TAIL LENGTH: T

— cm

C

— cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

— cm

PLASTRON LENGTH:

— cm

WEIGHT:

— #

DESCRIPTIVE REMARKS:



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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

PERSON RECORDING DATA:

TUMOR SCORE

ORAL TMRS EXT:  
 YES OR NO

EMACIATION CODE

OLD TAGS:


NEW TAGS:

RFL	
LFL	

STRAIGHT CARAPACE - LENGTH:

cm

WIDTH:  cm

NOTCH LENGTH:

cm

DB:  L.O.

VB:  L.O.

CURVED CARAPACE LENGTH:

cm

WIDTH:  cm

HEAD WIDTH:

cm

AXIAL:  cm

LATERAL:  cm

PPS: YES OR NO OR NE

SEX: Male, Female  
 or Undetermined

TAIL LENGTH: T

cm

C  cm

RIGHT FRONT FLIPPER WIDTH:

cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

cm

WEIGHT:

#

DESCRIPTIVE REMARKS:



LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	TOTAL	REMARKS
RIGHT EYE						
LEFT EYE						
MOUTH						
NECK						
RFF						
LFF						
RHF						
LHF						
CLOACA / TAIL						
SEAMS / SCUTES						
INTERNAL						
TOTAL						

ORAL TUMORS VISIBLE EXTERNALLY: YES OR NO

OTHER INFORMATION:



6/23/04  
Friday

Depart Molokai Is. Air

~~3:10~~ pm FL

Arrive Honolulu

4:10 pm





.....Yes, it's true. Santa Claus IS Japanese! His real name is Sensei Klazimoto, a peaceful man who was forced to flee his village during the barbaric raids from..... Hey! Hold it!! That's a whole 'nother story.....

### It's Christmas 2005!!!!

And that's 4 generations of Medeiroses smiling atcha!! That's Mom Prisca on the left (no, it's NOT Gramma Bicoy!), me (yes, I DID cut all my hair off!), our son Joey, & then Eddie in the back - Sensei in the middle with grandchildren Kekoa and Kaila to his left, and in front is our daughter-in-law Renee and youngest grandchild, Tiana. (She was just a teeny bit scared of jolly old Sensei!)

Everything is status quo around here except for Eddie's trip to Louisiana to aid the hurricane victims. (Easy to see why I love that guy so much, huh?) He took a small crew with him from Molokai (including cousin Dina Potter) and with Pastor Paul's help (his family is all in Bugaloosa, LA) found some folks who had slipped through the cracks between FEMA and insurance and had no one to help them. So they spent a week repairing roofs, cutting up and hauling away huge trees from yards and off of houses, and spreading lots of God's love & Molokai aloha to some grateful folks. It was a life-changing experience for all and I don't think any of us will take the "water tight integrity" of our homes for granted again!



And at home... Eddie's getting beaucoup business in the landscaping dept, plus Mobettah.net is still growing - as always, he is wayyyyy too busy! I am in my 18<sup>th</sup> year at the Credit Union (I know, I can't believe it either!). Joey & Renee are doing well on Maui - Joey has learned how to make waterfalls and caves with Jacuzzis inside and waterfalls outside, spilling over into swimming pools for his clients! His work is really beautiful and he's enjoying this very creative part of his business. Renee spends most of her time running kids to school, to ukulele lessons, to basketball and whatever else they are into. Plus running after Ti - our little "premie" from last year who has become very healthy, sturdy and TALL!! What a sweetheart she is, always smiling & ready to go! Kekoa is now 7 and wants to get into some daredevil skateboarding (Don't look Renee!!), Kai is now in pre-school & is so full of life & stories! And a real animal lover too. Yup, she's one of ours all right!

What's new this year? Our new puppy, Zorro! As in "what were we thinking?" Just kidding, he is a sweetie! One day Eddie & I were having a thoughtful conversation about getting another dog someday since Capone and Hala are both getting older..... we thought a small dog would be good this time, one we can pick up & carry easily, & take with us, etc.... then we went into town.... There sat a box marked "Free Puppies".... Don't look!! Don't look!!..... OH NO, WE LOOKED!!! There was a whole boxful of beautiful puppies - part Rottweiler, Chow and Shar Pei..... no small dogs here!! But ever so cute! Of COURSE we took one home! So much for the small dog plan!! So now Zorro is part of the Medeiros menagerie, and guess what? The cats actually like him! Ok, he can stay! *GET THE TERRIBLE! SCOPY!*

*Capone & Hala*

So that's all from us to you - What do we wish for you this year?

The same we wish for ourselves: "That we would all know the love of Christ, which passes knowledge, that we may be filled with all the fullness of God." Eph. 3:19



*With the kitties*  
*Zoey*





*peace*

*Wishing you all the  
peace of our Lord this  
Christmas and always!!*

*From 4 Generations of  
The Medeiros Family!*





From: Bill Puleloa <puleloa@wave.hicv.net>  
To: George H. Balazs <gbalazs@honlab.mms.hawaii.edu>  
Subject: Re: Nests

*Molokai, MAZL  
Rocks*

*ED  
MISAKI*

Try Kathy (Ed's clertk/secretary) at 553-5236.

On Nov 3, 2005, at 11:06 PM, George H. Balazs wrote:

- > We drove to the community center (fishing management area building/camping.
- > Parked there and walked the beautiful coastline all the way, and back. Took
- > total about 2 hours casual. We saw none, not a single nest or track. Nothing.
- > And there were 5 of us looking. I can only assume that any nests tracks
- > happened After July. Is it possible they are referring to Halawa?
- > Bewildering.
- > What are the names of the people at TNC doing these counts?
- > Aloha, George

PS I'm working Ed to go fishing sooner than next summer!

*FRAN - need*

*EMISAKI  
@TNC.org*

*B AUDAS*

On Thu, 3 Nov 2005, Bill Puleloa wrote:

- >> Yes, I've heard about it. I went there to confirm it but couldn't get
- >> through the gate so I turned around. 3rd - 4th hand rumors are exactly the
- >> reason I try not to involve myself with these volunteer turtle monitoring
- >> groups. As far as I'm concern, the fewer people that know about nesting
- >> sites the better. Turtles have been around for 200 million years, so I
- >> would think they know what they're doing. It is because of our vanity that
- >> there is a perception they need our help to survive. I've said it before
- >> and I'll say it again....there is no safety in our unmitigated human hubris.

On Nov 2, 2005, at 12:05 AM, George H. Balazs wrote:

- >>> Bill, Skippy contacting me with some Third (or Fourth) Hand information.
- >>> Via a third party, a Kathy with TNC on Molokai said that "30 sea turtle
- >>> nests" had been counted this summer on Molokai. Do you know Kathy? Recall
- >>> that Marc and I and students walked all of Moomi when we were there in
- >>> July. We didn't see a single sign of turtle nesting.
- >>> What might you know about this? If nothing could you talk to her, or, give
- >>> me her phone number etc.
- >>> Aloha, George



Date: Sun, 28 Jul 2002 09:32:16 -1000  
From: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>  
To: Marc- HPA Rice <mrice@hpa.edu>, Ed Medeiros <ed@mobettah.net>,  
Bill Puleloa <puleloa@aloha.net>  
Cc: Diane Medeiros <diane@mobettah.net>  
Subject: Re: Tag Recoveries- Pala'au turtle tagging

Sorry, I forgot to include our number of tag recoveries- 12 turtles with old tags (flipper and/or PIT tags)= 15% of the 81 total captured (bull pen + coral head hand grabs). Interesting to note that none of the 8 (all tumored) from the coral heads were tag recoveries.

10-20% tag recovery is about what we have gotten on most all past fishing trips to Palaau. G

On Sat, 27 Jul 2002, George H. Balazs wrote:

>  
> Aloha friends and family, what a terrific 4 days as the result of Ed's  
> fine Captainship and all of us pulling together (and I mean All= the  
> extended Molokai family and clans)!

>  
> Here's a little summary on the tumor issue. Seems to me that things are  
> improving, but clearly we haven't done this for 2 years so another in  
> 4-6 months would be Very Helpful.

>  
> 4 Days of Bullpen = 73 turtles  
>  
> 16 (22%) of the 73 had tumors  
>  
> Of the 16, the severity scores broke down to:

>  
> 56% lightly tumored  
>  
> 25% moderately tumored  
>  
> 19% heavily tumored  
>  
> The 22% overall of 73 turtles EXcludes the coral head captures (8 of  
> them) because adding them in would bias our sampling methodology (bull  
> penning). It's pretty apparent that the sick turtles are the  
> ones selectively crawling out on the coral heads. I would also if in that  
> condition!

>  
> More later. Warm Aloha, George

>  
> PS We dearly missed seeing Diane and having her with us, but she was in  
> our thoughts and prayers while one the mainland with ailing parents.

>

Advance  
Molokai  
Boat



2005

: Fri, 4 Nov 2005 13:03:45 -0900  
 From: Bill Puleloa <puleloa@wave.hicv.net>  
 To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>  
 Subject: Re: Nests

Aloha Keoki....According to Kathy the first sighting occurred on May 1st. Additional encounters extended to August 27th at least. Bird lady Joan Aidem is logging the incidents and will produce a final tabulation soon. I've asked Kathy to notify me when it's done and will get a copy to you. I don't think it is bogus. One of the volunteers was Bill Feeters who went with me to Bikar. If anyone in that bunch knows what a turtle nest is, it would be Bill. Additionally, Joan has witnessed nesting at Kawaaloo many times over. I suspect the wind & sand must have covered up the tracks & pits when you and Marc walked there. I suppose I'm glad am I to know experienced researchers like yourself and Marc failed to detect nesting activities. It confirms my belief that Nature knows best, and when given the chance without human interference She will ensure the survival of sea turtles and other creatures. At best all we do as humans is screw things up!

On Nov 4, 2005, at 8:51 AM, George H. Balazs wrote:

> Many thanks, Bill. I'm really interested to know if the nesting started after  
 > Marc and I walked the beach in July, or, ? Bogus or whatever.

> On Fri, 4 Nov 2005, Bill Puleloa wrote:

> > Try Kathy (Ed's clertk/secretary) at 553-5236.

> > On Nov 3, 2005, at 11:06 PM, George H. Balazs wrote:

> > > We drove to the community center (fishing management area  
 > > > building/camping. Parked there and walked the beautiful coastline all the  
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> > > Aloha, George

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 > > > > about nesting sites the better. Turtles have been around for 200  
 > > > > million years, so I would think they know what they're doing. It is  
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> > > > On Nov 2, 2005, at 12:05 AM, George H. Balazs wrote:

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> > > > > know Kathy? Recall that Marc and I and students walked all of Moomi

> > > > > when we were there in July. We didn't see a single sing of turtle

> > > > > nesting.

> > > > > What might you know about this? If nothing could you talk to her, or,

> > > > > give me her phone number etc.

> > > > > Aloha, George



Rose-Lehua Mei-Ling Bicoy  
Daughter of  
d'Artagnon & Julie-Ann Bicoy  
and  
Harvey Edmonds Lyman III  
Grandson of  
Moana Merle Kim Lyman  
Request the honor of your presence  
at their wedding

Monday, May 30<sup>th</sup> 2005  
at 10 o'clock am  
Restaurant Kaikodo  
60 Keawe Street  
in Historic Downtown Hilo  
Reception to follow  
4:30 pm pupus  
5 o'clock dinner till 7:30 pm









Date: Mon, 20 Aug 2001 07:31:17 -1000  
 From: Marc R. Rice <mrice@hpa.edu>  
 To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>  
 Subject: Re: Turtle Sightings

Yes to everything.

His name is John and he was diving on the east coast at Halawa valley area- I will have him call you some afternoon with me so that you can talk to him directly. He also mentioned that there was one area near where he saw the albino where there were quite a few small turtles..

>Well, like Tom Harrison and others back then (the White Raja- Sarawak),  
 >I'm going to take this seemingly valid sighting as a Mystical Sign of  
 >good fortune, someone very special on the Horizon. I may indeed even put  
 >this on www.balazs.igo.com I'll find Tom's article (from the 1950s-  
 >Sarawak Museum publication) and fax to you. May I interview the man by  
 >phone? Where was it seen, date, depth? Are you ready to go? And yes  
 >absolutely take your video.

>No, no joke. Aloha, George

>On Sun, 19 Aug 2001, Marc R. Rice wrote:

>> One of my security guards was diving on Maui and saw an albino  
 >> turtles.. sounded around 50 lbs,,, yellow (non-pigmented) eyes, so he  
 >> may not be imagining it.  
 >> Ever seen one, outside of a hatchling?

Marc R. Rice  
 Assistant Headmaster  
 Director, Sea Turtle Research Project  
 Hawaii Preparatory Academy  
 65-1692 Kohala Mt. Road  
 Kamuela, Hawaii 96743  
 phone: 808 881 4004  
 cell: 808 987 6903  
 fax: 808 881 4003

lokomaikai11@hotmaail.com  
~~Peter Peter~~  
 Peter Peter



114

DUPS  
BALAZS

TAPE INTO MOLOKAI BOOK

7/06

COS00021417

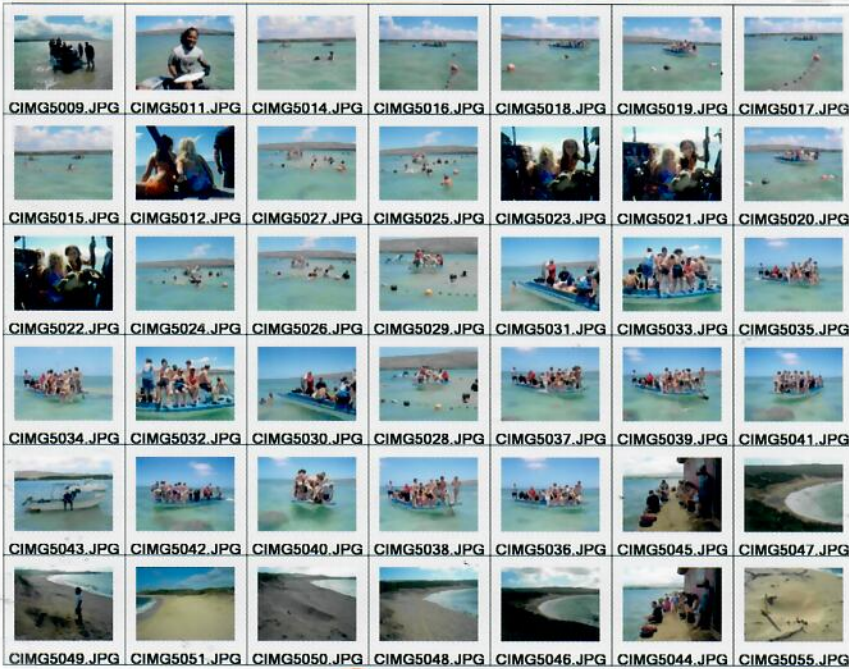
07/16/2006 18:32:24

235 CD.



**COSTCO**  
1-HOUR PHOTO

1 of 6



**COSTCO**  
1-HOUR PHOTO

2 of 6



COS00021417

07/16/2006 18:32:24

15

BALAZS

235 CD.



COS00021417

07/16/2006 18:32:24

BALAZS

235 CD.



**COSTCO**  
1-HOUR PHOTO

5 of 6



BALAZS

235 CD.



4 of 6

BALAZS

235 CD.



3 of 6



Aug 28, 2006

Dear George,

A very belated thanks for the cute plastic green sea turtle & the great picture of us having breakfast at the bakery. I'm only just now getting to personal notes after having spent a couple of weeks paying bills, straightening out business affairs & learning how to maneuver on crutches. All goes well — slowly, slowly.

Lil tells me that the dig of the last hatch was a huge success. Sorry you were out of town but apparently they saved lots of DNA samples for your researcher. I guess the other nests are on a par with what happened last year. We should have some hatches soon. Sure works better when one digs after three days instead of waiting til the end of the season.

Aloha,  
 Juan









George!

Thank you ... Thank you ... Thank you!

Jagging may be just another part of your life's work... but did you know it is a major reason for us mainlanders to make our way back to the Bicoy Reunions?

So actually, you are not only helping to save Green Sea Turtles, but you are assisting in forever preserving memories made and family ties made tighter!!!  
Our experiences with you are priceless... Thank you!

Love!  
Aloha  
Tracy!  
P.S. Thanks  
for the  
photos!

Remember,  
Faith, Love & Values

2006 ~ Bicoy Ohana Reunion



Date: Mon, 11 May 1998 10:30:55 -0800  
From: Peter Dutton <peterd@caliban.ucsd.edu>  
To: "George H. Balazs" <gbalazs@honolab.nmfs.hawaii.edu>  
Subject: Hawaii visit

*Peter*  
*Redwood*  
*Give in Molokai Book*  
*S/Award*

George -

I'm working on alot of the Hawaii sequence data, it's looking good, I think I'll be ready to put a manuscript together fairly soon. I'd like to make that trip to Hawaii we've been talking about so long.

Is any time between 17th June and July 1st OK for you? A couple days should do it. As well as just brainstorming on our genetic stuff, we could go with your suggestion to demonstrate the satellite pack attachment procedure you use so I can train Pitmann and the other ETP observers when they have their training session here in July.

For the genetic data, the pattern continues to be consistent as I do more and more forage pasture samples, e.g. all local FFS stock. I just found one oddball though among the Palaaau/Molokai samples you recently sent.

It's ID is

4077364824      6/97

Its a haplotype that I've been finding in the Tinian, Pikelot, Rose Atoll and Marshall Islands, and further west and south, but NOT FFS or Laysan. I'm sure the turtle looks the same as all the others, but it might be interesting to see if it was a different size to the others sampled....or anything else unusual, when you get a chance to check your records.



Date: Tue, 9 Dec 2003 19:41:04 +1200  
From: Mike A. McCoy <mmc@aloha.net>  
To: George Balazs in HNL <gbalazs@honlab.nmfs.hawaii.edu>  
Cc: Steve Kolinski NMFS <steve.kolinski@noaa.gov>,  
Bill Puleloa on Molokai <puleloa@wave.hicv.net>  
Subject: Turtles in Marshall Islands

[ Part 1, Text/PLAIN (charset: ISO-8859-1 "Latin 1 (Western Europe)") ]  
[ 52 lines. ]  
[ Unable to print this part. ]

[ The following text is in the "iso-8859-1" character set. ]  
[ Your display is set for the "US-ASCII" character set. ]  
[ Some characters may be displayed incorrectly. ]

George,

I just returned today from my trip to the Marshall Islands. I need to gather my thoughts and the information I gleaned to try and put it into a coherent form for my report to PIRO. This will take place over the next couple of months, since I have some other tasks that need to get done as well.

Sorry we weren't able to hook up prior to my departure. I realize that during the weeks prior you were involved in the public hearings being conducted, and also had visitors to take care of in Honolulu.

On my last day in Majuro (after 2 weeks on an outer atoll gathering information on attitudes towards turtle usage in the Ralik chain of the Marshalls) I saw a former employee of the Marshall Islands Marine Resources Authority whom I have known for many years, Virgil Alfred (also known as Ron Virgil).

He told me that he had 2 tags from one turtle that were sent in from an outer atoll that he had never gotten around to sending in. I begged him to bring me the tags, and upon my departure at the airport he materialized with the tags. They are the smaller Inconel variety, with the inscription "write HIMB University of Hawaii 96744". A scrap of paper in which the two tags (#6597 and #6598) were wrapped said "Aliej. Ailuk June 22, 1997". Virgil told me that the turtle was said to be a female, and was found nesting at Ailuk atoll. It is not clear if the date refers to the date the turtle was captured, or when the tags were given to him.

The numbers do not match up with the tag number series shown in an appendix of Bill Puleloa's report, so I assume that they weren't from that expedition. I would be VERY interested to learn where this turtle was tagged; perhaps it was one of Kolinski's in Yap?

I also interviewed one man from Likiep atoll who claimed to have also caught a tagged turtle, and had sent the tag in to the Marshall Islands Marine Resources Authority. The person told me the turtle was from "New Caledonia"; indicating that the tag was one of the early SPREP ones. Unfortunately, nobody currently at MIMRA had any recollection or record of such a tag being turned in and the person concerned did not retain the number.

Please let me know if you can trace the numbers above; I would like to try and reinforce the tag return efforts in the Marshalls, such as they are (when Virgil gave me the tags at the airport, I didn't know whether



Historical Information for Turtle Tag 6597

Tag Information:

Tag Number	Date	Tag Type	Tag Position
6597	1/28/1983	1681	LFL
6598	1/28/1983	1681	RFL

Date	Type of Encounter	Location:	Tumor Rank:	Nesting Act:	Curved Carapace	Since Last Encounter			Overall				
						Interval	Year	Growth-Rates	Interval	Year	Growth-Rates		
						Month	Year	cm/mo	cm/yr	Month	Year	cm/mo	cm/yr
1/28/1983	Near Shore	Molokai, Kamalo, Between Kamahuehue and Harbor	0	-	81.0	---	---	---	---	---	---	---	---

*Red just photo book*



Date Tagged: January 28, 1983

Location Caught: Mouth of Kamalo River, between Kamahuehue Fishpond and Kamalo Harbor

Method of Capture: Mederios' nets

Number	Curved Length (cm)	Curved Width <del>XXXXXX</del> (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
★ <u>1</u>	<u>81</u>	<u>71</u>	<u>6597</u>	<u>6598</u> <i>few barns removed</i>
★ <u>2*</u>	<u>39</u>	<u>37</u>	<u>6599</u>	<u>6600</u> <i>fish chipped off into v shape ENTER No. 11</i>

Date Tagged: Feb. 8, 1983

Location Caught: Between Puhaloa & Ualapue Fishponds

Method of Capture: Mederios' Nets

★ <u>Number</u>	<u>Curved Length</u>	<u>Curved Length (cm)</u>
<u>1*</u>	<u>75½</u>	<u>70</u>

<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<u>6601</u>	<u>6602</u>



FOR G to examine while in Molokai

01 JUN 2005

Subject: Re: 'ea (fwd)

From: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>

Date: Mon, 16 May 2005 08:51:56 -1000 (HST)

To: Cody Hooven <chooven@mail.nmfs.hawaii.edu>

George H. Balazs, Leader  
Marine Turtle Research Program  
NOAA, National Marine Fisheries Service  
Pacific Islands Fisheries Science Center  
2570 Dole Street  
Honolulu, Hawaii 96822-2396 USA  
Tel: (808) 983-5733  
Fax: (808) 983-2902  
gbalazs@honlab.nmfs.hawaii.edu

Kamiloloa Beach,  
(Hotel Molokai)

Hawksbill

31.0cm CCL

emaciated (somewhat)

found dead

TS Ø

buried nearby

(GB will dig up in July for  
skin sample for DNA)  
+ humeri

Mahalo i ka nani o ke ao nei.  
Mai ke kuahiwi a ke kai hohonu,  
Mai ka la hiki a ka la kau.

**\*Remembering 40 Years in Hawaii\***

"I am in deep gratitude for the beauty of the earth.  
From the mountains to the deep blue sea,  
From the place where the sun rises  
to the place where the sun sets."

----- Forwarded message -----

Date: Mon, 16 May 2005 08:08:20 -1000

From: Bill Puleloa <puleloa@wave.hicv.net>

To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>

Subject: Re: 'ea

31.0 cm CCL; no pictures last night/too dark; I'll go back and dig around to get a piece for DNA...or can this be accommodated when digging up for the humerus?

On May 15, 2005, at 10:10 PM, George H. Balazs wrote:

Roger roger Bill. A carapace measurement CCL, a pencil-eraser size piece of skin in a small plastic ziplock-bag with 5 or so table-spoons of regular Morton's salt (for DNA analysis), and, some digital pictures (or other sort of camera) of the back and belly of the poor beast. Something killed it. Would be nice to know what but I don't think that's going to be possible in this instance. We can't get over there, but if you can collect one or more of the above, that would be great. When I get there in July maybe I can get a humerus bone from the front flipper (after the animals flesh has decayed away hopefully). We've offered in the past, I recall. But can suggest again- Can we buy you a 21 cuft lift-top freezer for just such a case? What you need is a place to put it, DLNR warehouse or something like that. Just a suggestion-- we have them in Maui with Skippy and the Sanctuary, in Hilo, in Waimea, and on Kauai. Delivered to your doorstep.

Have a good evening, Aloha, George

On Sun, 15 May 2005, Bill Puleloa wrote:

Aloha Keoki.....I usually don't bother you with the all too routine task of turtle stranding on Molokai. However, this one you should know about. I just got back from removing a dead hawksbill from in front of the Hotel Molokai restaurant. A lifeless carcass bobbing in the water does nothing to add to the ambiance of fine dining I'm afraid. I had to drag it out of sight, then buried



it as best I could. Surprisingly, tumors were not readily visible but the animal was somewhat emaciated. If there is a desire to do a more thorough investigation, I would suggest getting it done tomorrow. Any longer than that will be problematic. As of tonight, it did not smell too bad. Tomorrow will be another story I'm sure. What do you think?



N = 7 TAG Recoveries SCL growth DATA  
 (35 CAPTURES)

PALAU  
 MOLOKAI EXPEDITION 2005  
 JULY

4 WITH Tumors (1190)  
 All Tumor Score I  
 (lightly Tumored)

Historical Information for Turtle Tag 35721272  
 George H. Balazs  
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 NOAA Pacific Islands Fisheries Science Center  
 2570 Dole Street  
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 gbalazs@hnlab.nmfs.hawaii.edu

Tag Information:

Tag Number	Date	Tag Type	Tag Position
35721272	7/5/1999	PIT	RHF
36314925	7/5/1999	PIT	LHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Straight	Catapace	Since Last Encounter			Overall				
							Interval	Year	Growth-Rates	Interval	Year	Growth-Rates		
							Month	Year	cm/mo	cm/yr	Month	Year	cm/mo	cm/yr
7/5/1999	Near Shore	Molokai, Palaau A, Segundo	1	-			44.0	---	---	---	---	---	---	---
7/18/2005	Near Shore	Molokai, Palaau	0	-			59.2	72.0	6.0	0.2	72.0	6.0	0.2	2.5



Historical Information for Turtle Tag R274

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Tag Information:

Tag Number	Date	Tag Type	Tag Position
45274A7A68	7/20/2005	PIT	LHF
4528650F2F	7/20/2005	PIT	RHF
R274	7/30/1992	I681	RFL
R275	7/30/1992	I681	LFL
R276	7/30/1992	I681	LHF

Date	Type of Encounter	Location	Turnover Rank	Nesting Act	Straight Carapace	Since Last Encounter			Overall		
						Interval	Year	Growth-Rates	Interval	Year	Growth-Rates
7/30/1992	Near Shore	Molokai, Palaau B	1	-	53.7	---	---	---	---	---	---
7/20/2005	Near Shore	Molokai, Palaau	0	-	73.4	155.0	12.9	0.1	155.0	12.9	0.1
											1.5



Historical Information for Turtle Tag 36043B76

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Tag Information:

Tag Number	Date	Tag Type	Tag Position
36043B76	7/5/1999	PIT	LHF
3E530B73	7/5/1999	PIT	RHF
4413336812	7/20/2005	PIT	RHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Straight	Catrapace	Since Last Encounter			Overall			
							Month	Year	Growth-Rates cm/mo	Month	Year	Growth-Rates cm/mo	
7/5/1999	Near Shore	Molokai, Palaau A, Segundo	0	-	41.1		---	---	---	---	---	---	
7/20/2005	Near Shore	Molokai, Palaau	1	-	57.9		72.0	6.0	0.2	2.8	72.0	6.0	0.2



Historical Information for Turtle Tag 4523363A0C

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Tag Information:

Tag Number	Date	Tag Type	Tag Position
4523363A0C	7/20/2004	PIT	LHF
45264A470E	7/20/2004	PIT	RHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Straight-Garapace	Since Last Encounter			Overall		
						Interval Month	Year	Growth-Rates cm/mo	Interval Month	Year	Growth-Rates cm/mo
7/20/2004	Near Shore	Molokai, Palaaau A	0	-	54.7	12.0	1.0	0.1	12.0	1.0	0.1
7/21/2005	Near Shore	Molokai, Palaaau	0	-	55.9	12.0	1.0	0.1	12.0	1.0	0.1



Historical Information for Turtle Tag 41504D2E12

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Tag Information:

Tag Number	Date	Tag Type	Tag Position
41504D2E12	7/26/2002	PIT	RHF
443255434A	7/26/2002	PIT	LHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Straight Carapace	Since Last Encounter			Overall			
						Interval Month	Year	Growth-Rates cm/mo	Interval Month	Year	Growth-Rates cm/mo	
7/26/2002	Near Shore	Molokai, Palaau, Farther West	0	-	63.6	---	---	---	---	---	---	---
7/21/2005	Near Shore	Molokai, Palaau	0	-	70.2	35.0	2.9	0.2	35.0	2.9	0.2	2.3



6

Historical Information for Turtle Tag V611

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Tag Information:

Tag Number	Date	Tag Type	Tag Position
44121F415C	7/21/2005	PIT	LHF
44143C0C15	7/21/2005	PIT	RHF
V611	7/21/1993	I681	RFL
V612	7/21/1993	I681	LFL
V613	7/21/1993	I681	RHF

Date	Type of Encounter	Location	TurnerRank	NestingAct	Straight Carapace	Since Last Encounter			Overall			
						Interval	Year	Growth-Rates	Interval	Year	Growth-Rates	
						Month	Year	cm/mo	cm/mo	Year	cm/mo	cm/yr
7/21/1993	Near Shore	Molokai, Palaau, N	1	-	56.2	---	---	---	---	---	---	---
7/21/2005	Near Shore	Molokai, Palaau	0	-	74.9	144.0	12.0	0.1	144.0	12.0	0.1	1.6



Historical Information for Turtle Tag 452419431D

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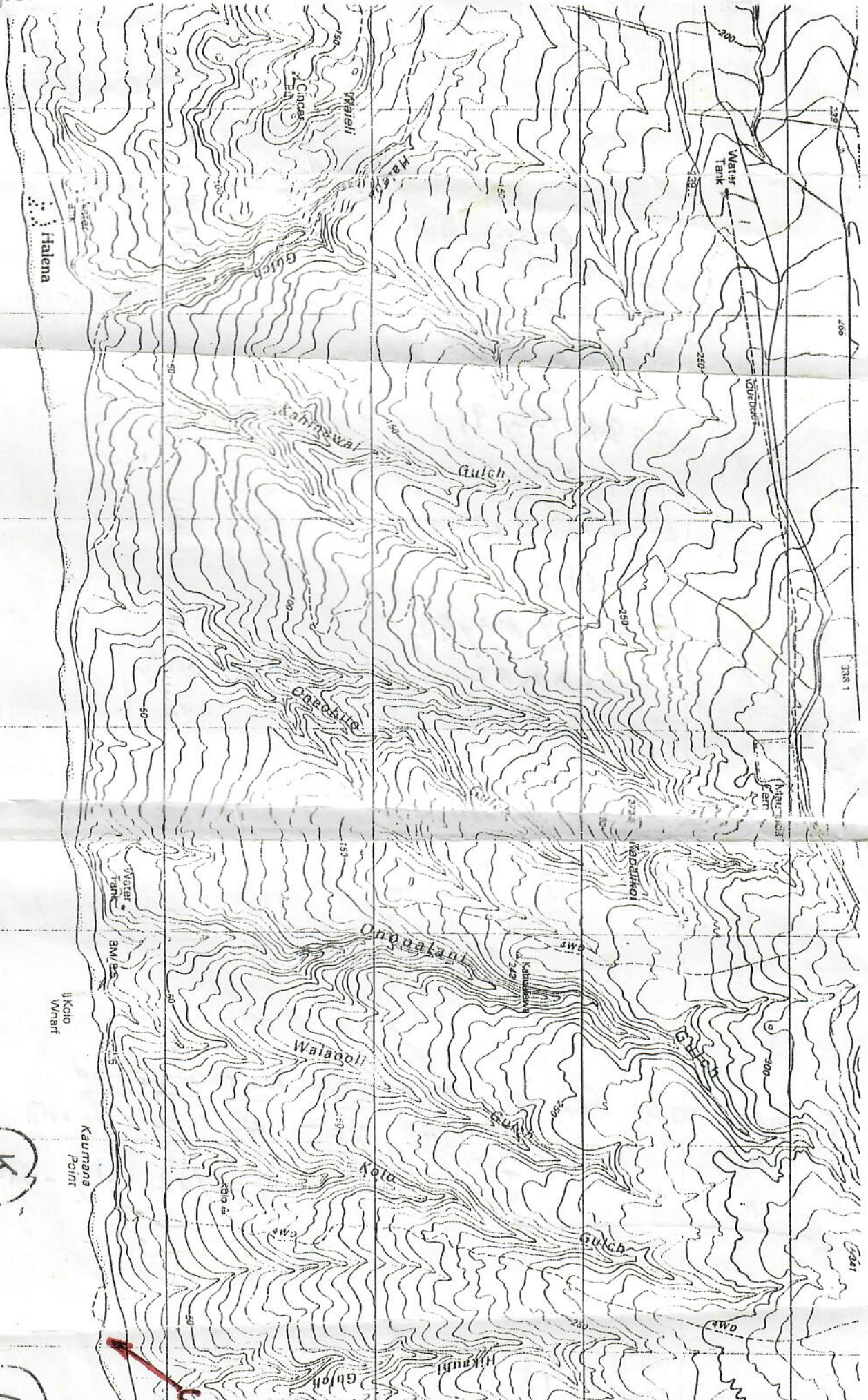
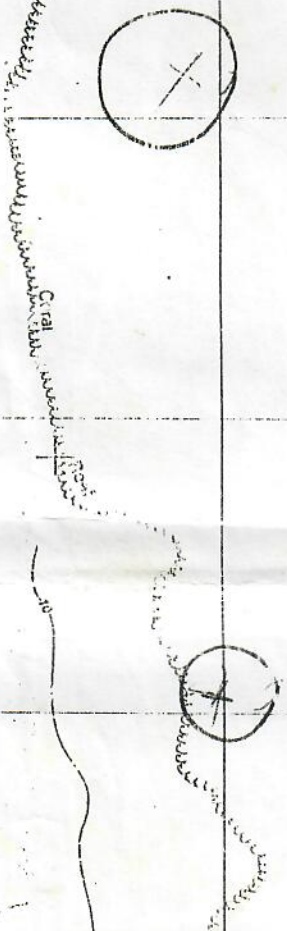
Tag Information:

Tag Number	Date	Tag Type	Tag Position
452419431D	7/20/2004	PIT	RHF
452421643F	7/20/2004	PIT	LHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Straight Carapace	Since Last Encounter			Overall		
						Interval Month	Year	Growth-Rates cm/mo	Interval Month	Year	Growth-Rates cm/mo
7/20/2004	Near Shore	Molokai, Palaau A	0	-	72.3	12.0	1.0	0.0	12.0	1.0	0.0
7/21/2005	Near Shore	Molokai, Palaau	0	-	72.9	12.0	1.0	0.6	12.0	1.0	0.6



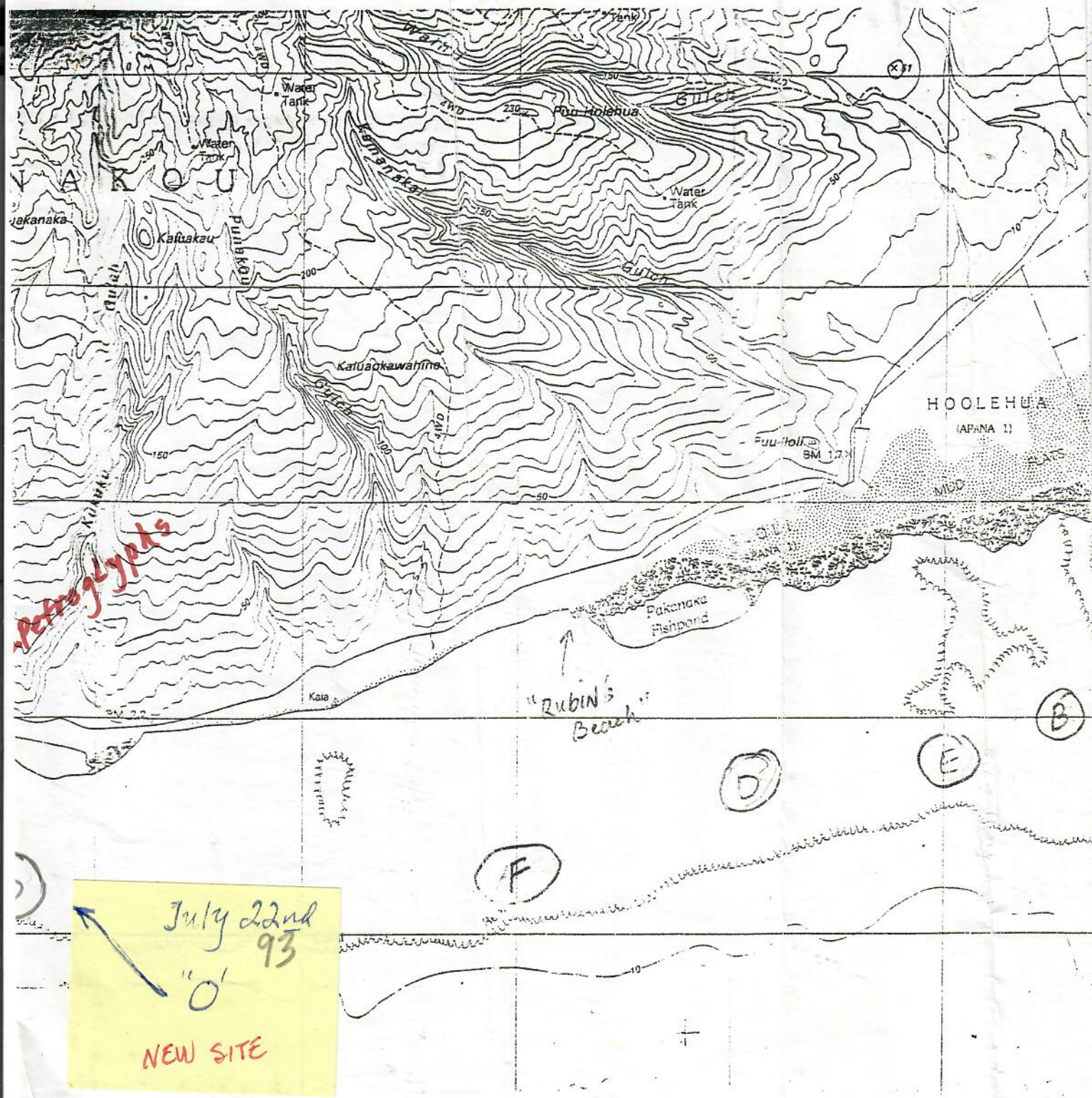
July 03  
19, 20, 21  
NEW SITE  
"N"



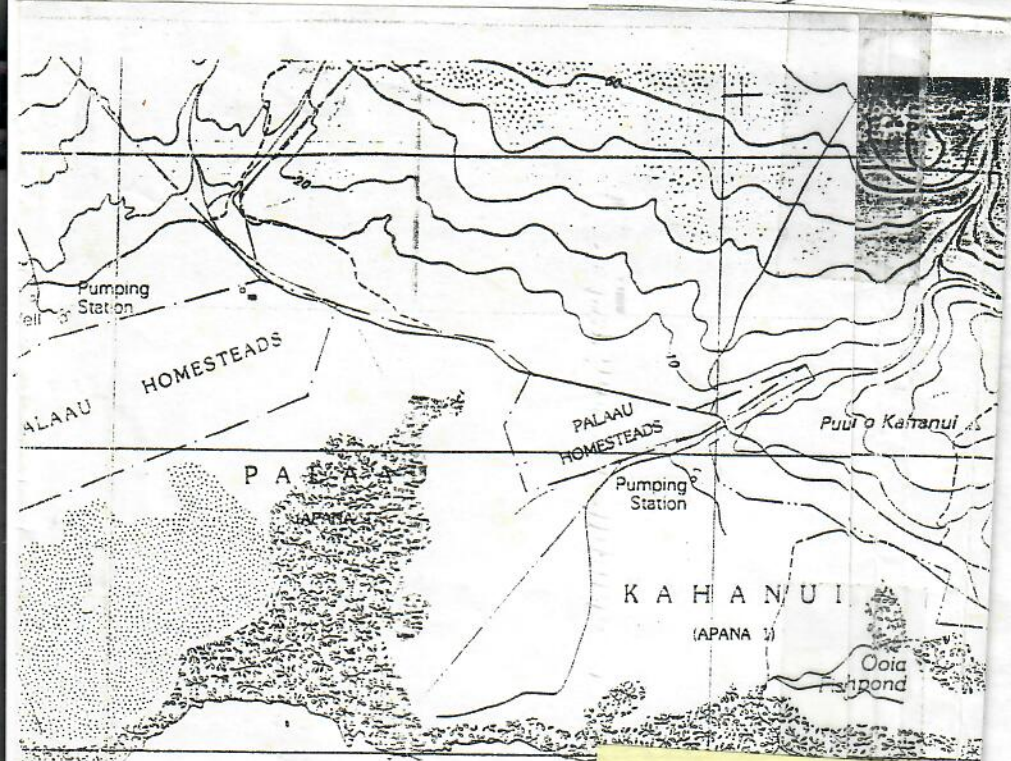




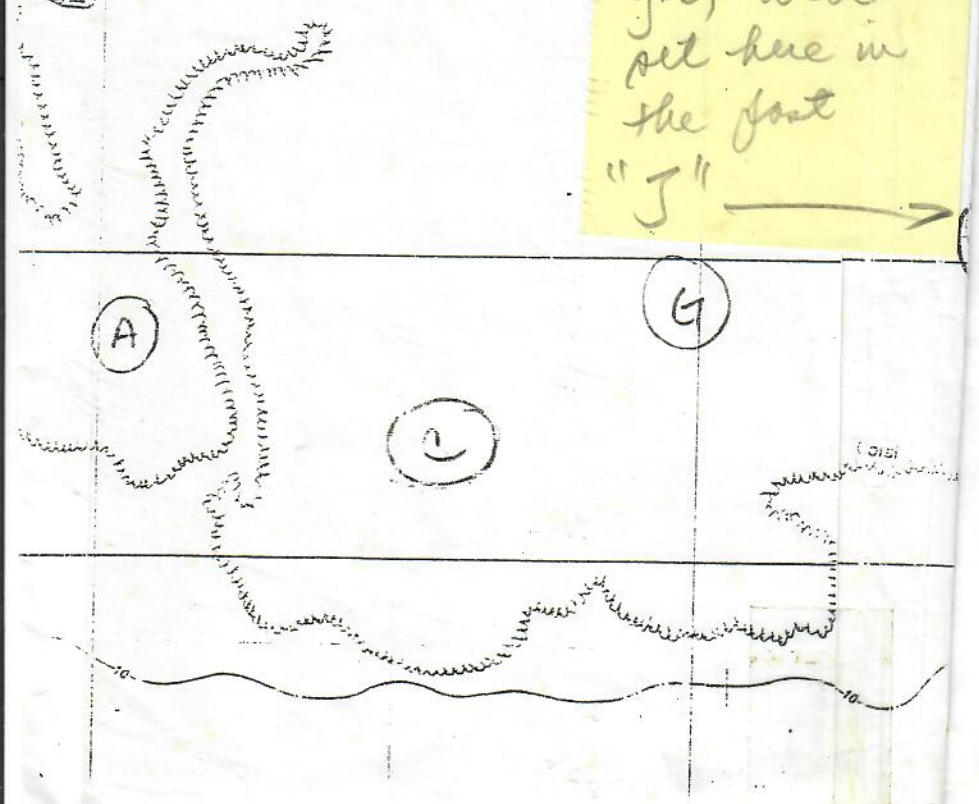








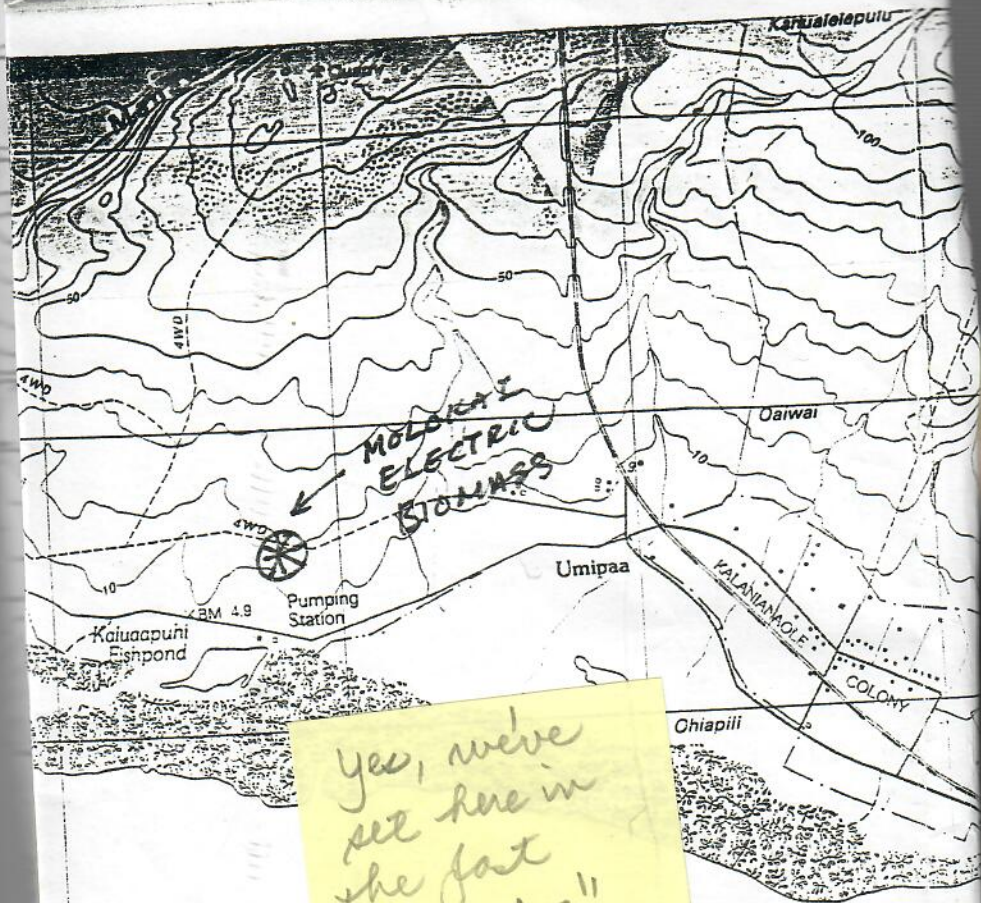
Yes, we've  
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 "J" →



U.S. GEOLOGICAL SURVEY

*edg...*



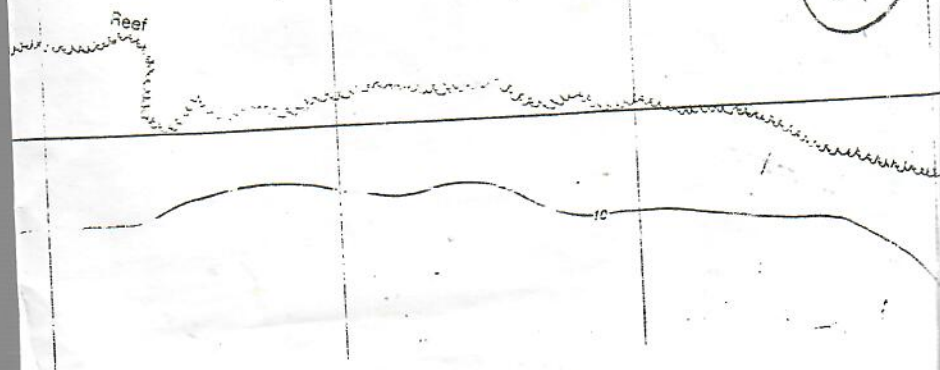


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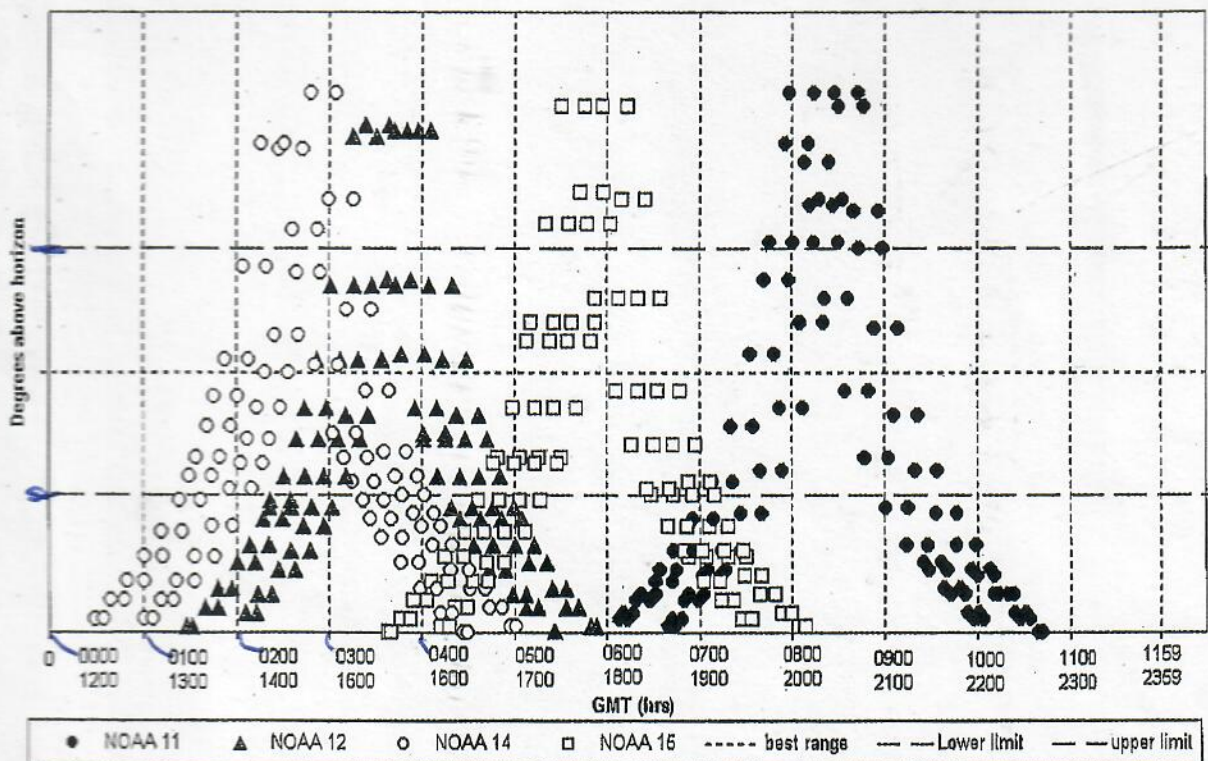








Overpass Prediction for NOAA 11, 12, 14, 15  
for Halawa Valley, Molokai (21°N 156.7° W), August 2000







265-5478  
BILL-CELL = 650-265-5478; home = 553-3718