

1997-1999

G. BALAZS

PUNALUU #36 (22-23 JULY 97) #37 (20-21 NOV 97)  
TOGETHER (19-20 FEBRUARY 98) #38

#39 (14-15 JULY 98)

#40 (1-2 DEC. 98)

CAMPING  
PAPAI BAY 16-17 JAN. 99

#41 16-17 FEB 99  
(DANEY KAPAPA)

#42 29 JUNE 99

PUNALUU/KAPOHO 30 JULY 99  
SWEETIN

BALAZS (808) 395-6409

# Expedition #36

S. PACIFIC ISLANDS  
TRAINING  
W/ MIREI TATARATA  
TAHITI  
JOE RUAK-CNMI

PUNALUU (Summer class) Q764 (ONLY TAG USED)

22-23 July 97  
Tues, Wed.

11 Turtles - all Recap.

Removed TDR 96366 see p. 3  
N388 SON 257

Pages 6-11 data,  
Participants = P.118

MARC Rice NOT able to be here -  
TDR & some mailed to him  
for downloading. Data successfully  
OBTAINED

Expedition #27 Punaluu  
20-21 Nov 97  
Narrative = page 43  
Participants = P.116

Tags used = 4058, 4059  
4147-4150 Page 17

DATA PAGES = 12-19  
1 - BASK Below Pavillion 11/20/97  
2 - Horseshoe 11/20/97  
13 - Punaluu Bay 11/21/97

see p. 30  
new TDR 97245 (7550, 7579)  
new SON 68 (8598)  
SCL = 77.6 cm  
150 lbs

16 Total **BOORUM & PEASE** B&P (4 new, 12 Recaptured)

287, 288, 289 see p. 48  
+ new 4059  
Tumor score = 1 Biopsies  
TRANSLOCATED TO  
HICO Bay SCL = 55.3

Composition Book • 9 3/4 in. x 7 1/2 in.

Hours of Pond watching = nothing seen

Available As:

Item No.	Sheets	Ruling
09-9130	60	College Ruled & Margin
09-9132	60	College Ruled & Margin & Paged
09-9134	100	College Ruled & Margin

TAGS USED =  
1522 - 1672

ESSELTE Participants - P.112-14 19 Turtles (4 new 15 Recap.)

Esselte Pendaflex Corporation, Garden City, NY 11530  
Made in U.S.A. B&P and Boorum & Pease are trademarks of  
Esselte Pendaflex Corporation.

# EXPEDITION #38 PUNALUU 19-20 FEBRUARY 98

DATA PAGES = p. 20-29  
NARRATIVE P. 110

[TDR 97245, SON 68  
NOT SEEN, NOR HEARD] see p. 17

(CONTINUED P. 2)

1-17-99  
 AS OF  
 BLANK  
 pages  
 data pages = 29-41 (23 folders), 119  
 48-50, 92-102, 115-117, 119  
 (4)  
 (8)  
 needs kawaii photo

JULIE and GUY ENRIQUES

Punaluu #36  
 9765 - 9768  
 STUDENTS  
 TAGS Given TO STUDENTS  
 (locked) for  
 SOUVENIRS

GPS Punaluu 11/21/97

Latitude 19° 08.172 N

Longitude 155° 30.265 W

30 JULY 99 Friday Punaluu  
 KAPOTO - SWEIN HUANG & GITB Surveys  
 DATA PAGES 16, 39, 40

NEEDS Punaluu #38 (and earlier)

- email reporter/author p. 9
- Coral reef Hawaii.edu
- follow-up Leon, Walt, Brian (cc JOHN) / Tamara Due  
 (per trip cost to me) Things TO Buy
- Litter cleanup along Ninole - Another or go early
- See p. 43° (p. 2 - email Leon)
- Text of English & Japanese signs TO Guy Enriquez  
 (from MARC) + others
- Aerial Surveys? W. Coast Hawaii (Remote Sensing)
- slides for Symposium K Bay etc.
- Card TO Mrs. Howard
- Tide about p. 110
- Satellite tag Kiholo? + IDC?
- Take squid TO Pond

CHO SUN LEE (이선) 물  
대전시 서구 도마동 배재대학교 생물학과 4  
Tae-jon city su-gu Domadong pai chon Univ  
Dep. Biology senior

Send  
used

TABLE OF CONTENTS

EXPEDITION #39 14-15 JULY 98  
First time PIT'S TUES. WED.  
ALL PIT TAGS used.  
No new turtles tagged  
21 turtles (+ resighting from  
back 1592 6/23/98)

See p.  
Job Pages 51

EXPEDITION #40 16 TOTAL 1-2 DEC. 98 (ALL PIT'S used)

DATA page = 69  
Narrative p. 78  
1 - basking tag read/measured.  
4 - Horseshoe (12/1/98 pm)  
11 - Hand skunkel 12/2/98  
11 - old tag resightings.  
New tags = 5

See p. 17.  
PARTICIPANTS - p. 90

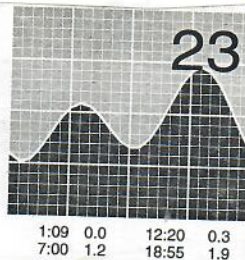
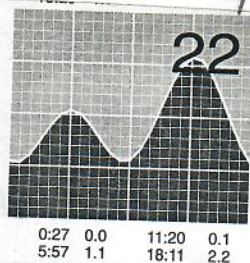
Page 67 - Lisa Wedding, Humbolt Exchange student

PAPA' BAY SAT. SUN. p. 88  
16-17 JAN. 99  
LAT. 19°41.508' N

Family  
Walt, Leas  
John Conroy + 2 sons

LONG. 154°58.923' W

CONTINUED  
INSIDE  
BACK COVER  
T.O.C. CONTENTS



July 97

Punaluu #36

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
H194	04/14/92	1681	LHF
N388	07/18/90	1681	RFL
N389	07/18/90	1681	LFL
N537	11/27/90	1681	RHF
SON257	11/15/96	SON	SON
TDR96366	11/15/96	TDR	TDR

N388  
TDR 96366  
SON 257

Punaluu  
see page 6

Historical Information--

Date	Type of Encounter	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter				Overall			
						Interval Month	Year	Growth-rates cm/mon	cm/yr	Interval Month	Year	Growth-rates cm/mon	cm/yr
07/18/90	Near Shore	Hawaii, Punaluu Bay	1	-	69.5	---	---	---	---	---	---	---	---
11/27/90	Near Shore	Hawaii, Punaluu Bay	1	-	69.8	4	0.3	0.1	1.0	4	0.3	0.1	1.0
04/24/91	Near Shore	Hawaii, Punaluu Bay, Boat Ramp area	1	-	70.4	4	0.3	0.2	2.0	9	0.8	0.1	1.1
04/14/92	Near Shore	Hawaii, Punaluu Bay	1	-	71.4	11	0.9	0.1	1.1	20	1.7	0.1	1.1

--Continued

2

Historical Information--

Date	Type of Encounter	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter				Overall			
						Interval Month	Year	Growth-rates cm/mon	cm/yr	Interval Month	Year	Growth-rates cm/mon	cm/yr
10/06/94	Near Shore	Hawaii, Punaluu Bay	1	-	72.3	29	2.4	0.0	0.4	50	4.2	0.1	0.7
11/29/95	Near Shore	Hawaii, Punaluu Bay	0	-	71.6	13	1.1	-0.1	-0.6	64	5.3	0.0	0.4
02/08/96	Near Shore	Hawaii, Punaluu Bay	0	-	71.9	2	0.2	0.2	1.5	66	5.5	0.0	0.4
06/26/96	Near Shore	Hawaii, Punaluu Bay	0	-	71.8	4	0.3	0.0	-0.3	71	5.9	0.0	0.4
07/05/96	Near Shore	Hawaii, Punaluu Bay	0	-	---	---	---	---	---	71	5.9	---	---
11/15/96	Near Shore	Hawaii, Punaluu Bay	1	-	72.4	4	0.3	---	---	75	6.3	0.0	0.5
12/01/96	Near Shore	Hawaii, Punaluu Bay	0	-	---	---	---	---	---	76	6.3	---	---
01/24/97	Near Shore	Hawaii, Punaluu Bay	1	-	71.9	1	0.1	---	---	78	6.5	0.0	0.4
04/04/97	Near Shore	Hawaii, Punaluu Bay, Boat Ramp area	1	-	71.8	2	0.2	-0.1	-0.5	80	6.7	0.0	0.3
06/06/97	Near Shore	Hawaii, Punaluu Bay, Boat Ramp area	0	-	---	2	0.2	---	---	82	6.8	---	---
07/16/97	Near Shore	Hawaii, Punaluu Bay	0	-	---	1	0.1	---	---	83	6.9	---	---
07/23/97	Near Shore	Hawaii, Punaluu Bay, Boat Ramp area	0	-	71.4	---	---	---	---	84	7.0	0.0	0.3

TDR + SON Removed

See page 68

Date: Wed, 9 Dec 1998 12:19:51 -1000 (HST)  
From: Denise Ellis <dellis@honlab.nmfs.hawaii.edu>  
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>  
Cc: Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>  
Subject: Liguamycin at Punaluu

one turtle tagged at Punaluu has not had a record of ever receiving Liguamycin. External Tags Q594, Q595, Q596, Q597, new Pit tags: 4077582F19 (LHF) and 4077496B02 (LFF) Pit tags put in 12/2/98. Did this animal get Liguamycin this trip (it wasn't noted on data sheet)?? If not, just FYI that it hasn't recieved any to date.

July 22, 97  
 Resighting = PUNACUV #36

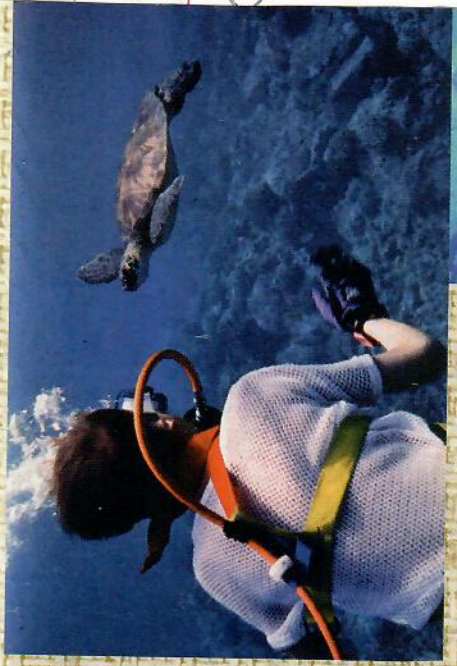


PHOTO COURTESY OF SNUBA

SCL - 71.8

V528 (LF)

9:20 PM night time

SCW - 59.1

7/22/97  
 TUESDAY

V530 (RH)

CCL - 77.0

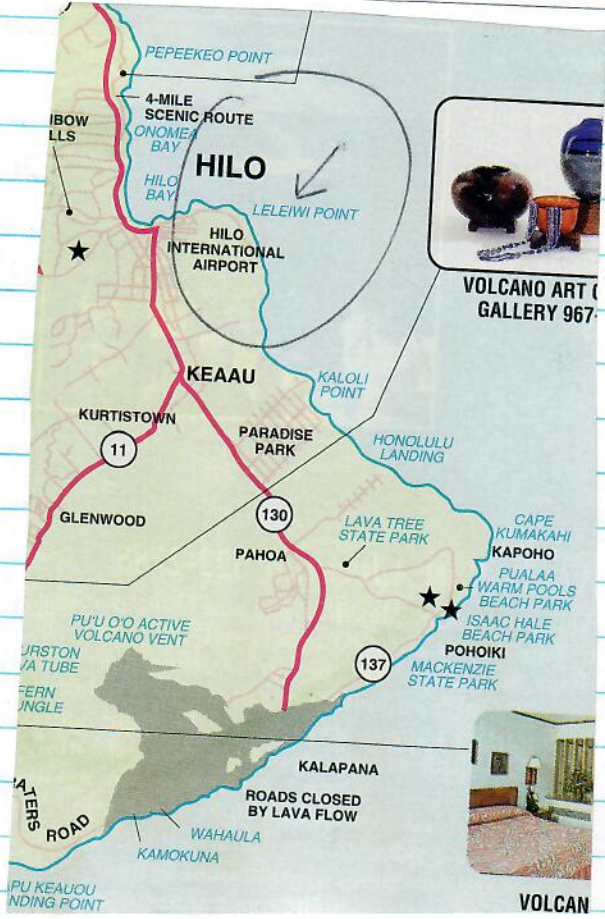
flat

CCW - 73.5 Q273 (RH)

BASKING on boat Ramp Beach

V529 (RF)

Sail to Capt. Cook's Monument  
 at Kealahou Bay & Snorkel  
 キヤブテンクック記念碑までクルーズして  
 ケアラケクア湾で  
 シュノーケリング



VOLCAN

① PUNAW #36 22-23-0497

CAPTURE DATE, LOCATION AND METHOD:

7/23/97 PUNAWU BOAT BEACH

PERSON RECORDING DATA: SMC

OLD TAGS:

A388 RFL

NEW TAGS: RFL

TUMOR SCORE

0

OTHER NEW TAGS:

TDR 96366

SON 257

STRAIGHT CARAPACE-LENGTH:

71.4

WIDTH:

55.0

NOTCH LENGTH:

7.4

L.O.

DB:

L.C

CURVED CARAPACE LENGTH:

72.0

WIDTH:

70.5

HEAD WIDTH:

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH:

T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED

PLASTRON LENGTH:

56.2

WEIGHT:

718.15

DESCRIPTIVE REMARKS:

49 ml LG 96366 + SON 257

TDR REMOVED

see page 3

~~XXXXXXXX~~

CAPTURE DATE, LOCATION AND METHOD:

7/23/97 Punawu

PERSON RECORDING DATA: SMC

OLD TAGS:

B337 RFL

NEW TAGS: RFL

TUMOR SCORE

0

OTHER NEW TAGS:

R80 LHF

R79 RFL

R78 LFL

STRAIGHT CARAPACE-LENGTH:

64.9

WIDTH:

48.2

NOTCH LENGTH:

64.7

L.O.

DB:

L.O

CURVED CARAPACE LENGTH:

70.5

WIDTH:

61.0

HEAD WIDTH:

9.9

SEX:

MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

yes

TAIL LENGTH:

13.0

T

C

RIGHT FRONT FLIPPER WIDTH:

11.0

SAMPLES COLLECTED

PLASTRON LENGTH:

50.2

WEIGHT:

710.0

DESCRIPTIVE REMARKS:

3.6 ml water

Suspicious Bump Jawing



3

CAPTURE DATE, LOCATION AND METHOD:

7/23/97 Punaluu Hand/ Snorkel  
PERSON RECORDING DATA: Alix Anthony

OLD TAGS: LFL 369 RFL J70 LH B345 RH J71  
NEW TAGS: RFL LFL  
TUMOR SCORE 0  
OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 56.9 WIDTH: 44.2  
NOTCH LENGTH: 56.8 DB: L.O. VB: L.C.  
CURVED CARAPACE LENGTH: 61.5 WIDTH: 55.5

HEAD WIDTH: 9.3 SEX: MALE, FEMALE OR UNDETERMINED  
PPS: YES OR NO OR NE YES  
TAIL LENGTH: T 15 C 10

RIGHT FRONT FLIPPER WIDTH: 10.7 SAMPLES COLLECTED  
PLASTRON LENGTH: 44.3  
WEIGHT: 56

DESCRIPTIVE REMARKS:  
Pt. in mouth 3.0 ml L.A.

4

CAPTURE DATE, LOCATION AND METHOD:

7/23/97 Punaluu Hand/ Snorkel  
PERSON RECORDING DATA: Alix

OLD TAGS: LFL B437 RFL B436 LH B439 RH B438  
NEW TAGS: RFL LFL  
TUMOR SCORE 0  
OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 56.2 WIDTH: 42.9  
NOTCH LENGTH: 56.0 DB: L.O. VB: L.C.  
CURVED CARAPACE LENGTH: 60.5 WIDTH: 54.0

HEAD WIDTH: 9.1 SEX: MALE, FEMALE OR UNDETERMINED  
PPS: YES OR NO OR NE 100  
TAIL LENGTH: T C

RIGHT FRONT FLIPPER WIDTH: 10.2 SAMPLES COLLECTED  
PLASTRON LENGTH: 45.3  
WEIGHT: 55

DESCRIPTIVE REMARKS:  
Pt. in mouth 3.0 ml L.A.

5

CAPTURE DATE, LOCATION AND METHOD:

7/23/97 Punalou Hand/snorkel

PERSON RECORDING DATA: Alex Anthony

OLD TAGS: RFL K269 LFL K270 RA K271 LH B342

NEW TAGS: RFL LFL

TUMOR SCORE: 0 OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 55.9 WIDTH: 46.7 NOTCH LENGTH: 55.6 DB: L.O. VB: L.C. CURVED CARAPACE LENGTH: 57.5 WIDTH: 54.5

HEAD WIDTH: 8.9 SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE YES TAIL LENGTH: T 11.5 C

RIGHT FRONT FLIPPER WIDTH: 10.0 SAMPLES COLLECTED: PLASTRON LENGTH: 44.4 WEIGHT: 51

DESCRIPTIVE REMARKS:

9.0 mm LG

Hawksbill Tortoise Curcuke

6

CAPTURE DATE, LOCATION AND METHOD:

7/23/97 Punalou Hand/snorkel Motion

PERSON RECORDING DATA: Alix

OLD TAGS: LFL H916 RFL H915 LH H917 RH K529

NEW TAGS: RFL LFL

TUMOR SCORE: 0 OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 68.9 WIDTH: 50.7 NOTCH LENGTH: 65.1 DB: L.O. VB: L.C. CURVED CARAPACE LENGTH: 71 WIDTH: 63

HEAD WIDTH: 10.0 SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE YES TAIL LENGTH: T C

RIGHT FRONT FLIPPER WIDTH: 11.6 SAMPLES COLLECTED: PLASTRON LENGTH: 49.4 WEIGHT: 78

DESCRIPTIVE REMARKS:

4.5 ml LA

Nikki Warner Amy Roe Sori Oates

Suspicious bump Right Jaw

CAPTURE DATE, LOCATION AND METHOD:

7/23/97 Punalou Hand/Snorkel

PERSON RECORDING DATA: Alix

OLD TAGS:

LFL V536  
RFL V537  
RH K493  
LH V538

TUMOR SCORE

0

NEW TAGS: RFL  
LFL

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 67.4

WIDTH: 53.0

NOTCH LENGTH: 67.0

DB:

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH: 72.5

WIDTH: 68

HEAD WIDTH: 10.5

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

Yes

TAIL LENGTH: T

50

C

10.5

RIGHT FRONT FLIPPER WIDTH: 11.5

SAMPLES COLLECTED

PLASTRON LENGTH: 50.8

WEIGHT: 85

DESCRIPTIVE REMARKS:

4.3 ml LG

CAPTURE DATE, LOCATION AND METHOD:

7/23/97 Punalou Hand/Snorkel

PERSON RECORDING DATA: Alix

OLD TAGS:

RH Q259  
LH Q258  
LFL Q256  
RFL Q257

TUMOR SCORE

0

NEW TAGS: RFL  
LFL

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 63.4

WIDTH: 49.8

NOTCH LENGTH: 63.0

DB:

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH: 68

WIDTH: 59.5

HEAD WIDTH: 10.2

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

Yes

TAIL LENGTH: T

13

C

9

RIGHT FRONT FLIPPER WIDTH: 11.4

SAMPLES COLLECTED

PLASTRON LENGTH: 50.7

WEIGHT: 70.0

DESCRIPTIVE REMARKS:

3.0 ml LG

lewis@uoregon.edu  
Michael Wilhelm  
wilhelm@uoregon.edu

9

CAPTURE DATE, LOCATION AND METHOD:

7/23/97 Ponalou Hand/ in Tidepool

PERSON RECORDING DATA: Alix

OLD TAGS: RFL R73 NEW TAGS: RFL LFL

LFL R78

LH R74 OTHER NEW TAGS:

RH J453

STRAIGHT CARAPACE-LENGTH: 69.3 WIDTH: 51.7

NOTCH LENGTH: 69.1 DB: L.O. VB: L.C.

CURVED CARAPACE LENGTH: 74 WIDTH: 68

HEAD WIDTH: 10.6 SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE YES T C

TAIL LENGTH: T C 12.4 SAMPLES COLLECTED

RIGHT FRONT FLIPPER WIDTH: 54.0

PLASTRON LENGTH: 98

WEIGHT: 98

DESCRIPTIVE REMARKS: 4.3 mt LQ

Mini seawater - Near shore temp. 22-23

2ft. depth offshore 25-26

By MARI TAPATA

10

CAPTURE DATE, LOCATION AND METHOD:

7/23/97 Ponalou Hand/snorkel

PERSON RECORDING DATA: SNE

OLD TAGS: LFL R87 NEW TAGS: RFL LFL

RFL R88

RHF R89 OTHER NEW TAGS:

LHF K492

TUMOR SCORE 0

STRAIGHT CARAPACE-LENGTH: 64.0 WIDTH: 50.3

NOTCH LENGTH: 64.0 DB: L.O. VB: L.O.

CURVED CARAPACE LENGTH: 69.0 WIDTH: 64.0

HEAD WIDTH: 10.2 SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE YES T C

TAIL LENGTH: T C 11.0 SAMPLES COLLECTED

RIGHT FRONT FLIPPER WIDTH: 12.2

PLASTRON LENGTH: 50.5

WEIGHT: 90.0

DESCRIPTIVE REMARKS: 3.6 mt LQ

Mini seawater - Near shore temp. 22-23

2ft. depth offshore 25-26

By MARI TAPATA

CAPTURE DATE, LOCATION AND METHOD:  
7/23/97 PUNACU Hard Snorkel

PERSON RECORDING DATA: SMC

OLD TAGS: K275 LFL  
NEW TAGS: RFL  
LFL  
TUMOR SCORE: 0  
OTHER NEW TAGS: 9764-LHF

STRAIGHT CARAPACE-LENGTH: 58.2 WIDTH: 47.9  
NOTCH LENGTH: 57.6 DB: L.O. VB: L.C.  
CURVED CARAPACE LENGTH: 64.0 WIDTH: 57.5

HEAD WIDTH: 9.4 SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE YES  
TAIL LENGTH: T 12.5 C 7.5

RIGHT FRONT FLIPPER WIDTH: 10.6 SAMPLES COLLECTED

PLASTRON LENGTH: 45.9

WEIGHT: 64.0

DESCRIPTIVE REMARKS: 3.0 mL L.O.

RFL - Healed notch  
RFL - Healed notch

CAPTURE DATE, LOCATION AND METHOD:  
BOAT RAMP BEACH

PERSON RECORDING DATA: PUNACU BASKING Resighting

OLD TAGS: 9273  
NEW TAGS: RFL  
LFL  
TUMOR SCORE: 0  
OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: WIDTH:  
NOTCH LENGTH: DB: L.O. VB: L.C.  
CURVED CARAPACE LENGTH: WIDTH:

HEAD WIDTH: SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE  
TAIL LENGTH: T C

RIGHT FRONT FLIPPER WIDTH: SAMPLES COLLECTED

PLASTRON LENGTH: WEIGHT:

DESCRIPTIVE REMARKS:

BASKING IN CONTACT w/ another  
TURTLE. Recorded by  
GHB and SUZ JIN HUANG,  
RAD10 METER READINGS -  
Dry carapace - 96°F Dry Sand - 113-118°F  
Dry RFF - 91°F Wet Sand - 84°F

START PWACUW #37

HAND BASK

CAPTURE DATE, LOCATION AND METHOD:

11/20/97 possible Pavilion by 730pm

PERSON RECORDING DATA:

OLD TAGS: NEW TAGS: RFL LFL

TUMOR SCORE: 0 OTHER NEW TAGS: 7530 RFL

STRAIGHT CARAPACE-LENGTH: 77.6 WIDTH: 59.1

NOTCH LENGTH: 77.6 DB: L.O. VB: L.C

CURVED CARAPACE LENGTH: 82.0 WIDTH: 76.0

HEAD WIDTH: 11.0 SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE Y

TAIL LENGTH: T 34.5 C 24.0

RIGHT FRONT FLIPPER WIDTH: 13.9

PLASTRON LENGTH: 59.7

WEIGHT: 150

DESCRIPTIVE REMARKS:

no latex possible Male

54 110 97-245

Attached MKS DR

Green pigmented PESTICIDE

2

CAPTURE DATE, LOCATION AND METHOD:

11/20/97 Hand stored for shoe

PERSON RECORDING DATA: Jessica Kelly

OLD TAGS: NEW TAGS: RFL LFL 4147 4146

TUMOR SCORE: 0 OTHER NEW TAGS: LH 4148 RH 4149

STRAIGHT CARAPACE-LENGTH: 47.3 WIDTH: 41.1

NOTCH LENGTH: 46.8 DB: L.O. VB: L.C

CURVED CARAPACE LENGTH: 50.5 WIDTH: 48.5

HEAD WIDTH: 7.6 SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE Yes

TAIL LENGTH: T 8.0 C 5.5

RIGHT FRONT FLIPPER WIDTH: 8.2

PLASTRON LENGTH: 38.6

WEIGHT: 33

DESCRIPTIVE REMARKS:

4 post-ocular

scales left are gouged

1.7 LIQ

Page 17

CAPTURE DATE, LOCATION AND METHOD:

11/20/97 HORSESHOE HAND SNORKEL  
PERSON RECORDING DATA: JESSICA KELLY

OLD TAGS: Q050 LH NEW TAGS: RFL LFL

TUMOR SCORE: 0 OTHER NEW TAGS: RFL RH, RFL LFL, LH

STRAIGHT CARAPACE-LENGTH: 48.3 WIDTH: 39.1 L.C.

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

CURVED CARAPACE LENGTH: 52 WIDTH: 47

HEAD WIDTH: 7.0 SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE YES

TAIL LENGTH: T 11.0 C 8.0

RIGHT FRONT FLIPPER WIDTH: 8.8 SAMPLES COLLECTED:

PLASTRON LENGTH: 38.7

WEIGHT: 36

DESCRIPTIVE REMARKS:

1.7119.

CAPTURE DATE, LOCATION AND METHOD:

11/21/97 FUNALU, HAND SNORKEL  
PERSON RECORDING DATA: ~~JESSICA KELLY~~ NOE

OLD TAGS: B138 RH NEW TAGS: RFL LFL

TUMOR SCORE: 0 OTHER NEW TAGS: RFL, RFL LFL, LH

STRAIGHT CARAPACE-LENGTH: 58.3 WIDTH: 44.0 L.C.

NOTCH LENGTH: 57.0 DB: L.O. VB: L.O.

CURVED CARAPACE LENGTH: 41.5 WIDTH: 55

HEAD WIDTH: 9.6 SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE YES

TAIL LENGTH: T 13.0 C 9.0

RIGHT FRONT FLIPPER WIDTH: 10.6 SAMPLES COLLECTED:

PLASTRON LENGTH: 45.8

WEIGHT: 59 125

DESCRIPTIVE REMARKS:

18

CAPTURE DATE, LOCATION AND METHOD:

2/11/97 Punaluu Hand/Snorkel  
PERSON RECORDING DATA: Noebani

OLD TAGS:

NEW TAGS: RFL 4052  
LFL 4051  
OTHER NEW TAGS: LH 4053  
RH 4054

TUMOR SCORE

0

STRAIGHT CARAPACE-LENGTH: 53.9

WIDTH: 42.3

NOTCH LENGTH: 53.7

DB:

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH: 58.5

WIDTH: 52

HEAD WIDTH: 8.8

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

Yes

TAIL LENGTH: T

14

C

10

RIGHT FRONT FLIPPER WIDTH: 9.6

SAMPLES COLLECTED

PLASTRON LENGTH: 40.2

WEIGHT: 50

DESCRIPTIVE REMARKS:

2.3 lig

CAPTURE DATE, LOCATION AND METHOD:

2/11/97 Punaluu Hand/Snorkel  
PERSON RECORDING DATA: Noebani

OLD TAGS:

NEW TAGS: RFL J462 RH  
LFL R84 LFL  
OTHER NEW TAGS: R85 RFL  
LH R86 LH

TUMOR SCORE

0

STRAIGHT CARAPACE-LENGTH: 57.2

WIDTH: 45.3

NOTCH LENGTH: 57.2

DB:

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH: 61.5

WIDTH: 57

HEAD WIDTH: 9.0

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

Yes

TAIL LENGTH: T

12

C

8.5

RIGHT FRONT FLIPPER WIDTH: 10.5

SAMPLES COLLECTED

PLASTRON LENGTH: 47.7

WEIGHT: 64

DESCRIPTIVE REMARKS:

2.2 lig  
3.0

Ventral Aight jaw  
hinge has enlarged  
bone. Healed break!



CAPTURE DATE, LOCATION AND METHOD:

11/21/97 Punaluku Hand/Snorkel  
PERSON RECORDING DATA: Noelani

OLD TAGS: K273 RFL  
K274 RH  
K272 LFL  
B19 LH  
TUMOR SCORE: 0  
NEW TAGS: RFL  
LFL  
OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 60.1 WIDTH: 46.3  
NOTCH LENGTH: 60.1 DB: L.O. VB: L.C.  
CURVED CARAPACE LENGTH: 65 WIDTH: 60.5

HEAD WIDTH: 9.4  
PPS: YES OR NO OR NE  YES

TAIL LENGTH: T 12 C 7.5  
RIGHT FRONT FLIPPER WIDTH: 10.3

PLASTRON LENGTH: 48.3  
WEIGHT: 71

DESCRIPTIVE REMARKS: Pt in mouth  
3.0 ml Liq

CAPTURE DATE, LOCATION AND METHOD:

11/21/97 Punaluku Hand/Snorkel  
PERSON RECORDING DATA: Noelani

OLD TAGS: Q273 RH  
V630 LH  
V529 RFL  
V528 LFL  
TUMOR SCORE: 0  
NEW TAGS: RFL  
LFL  
OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 72.1 WIDTH: 58.8  
NOTCH LENGTH: 71.9 DB: L.O. VB: L.C.  
CURVED CARAPACE LENGTH: 77 WIDTH: 75

HEAD WIDTH: 11.0  
PPS: YES OR NO OR NE  NO

TAIL LENGTH: T C  
RIGHT FRONT FLIPPER WIDTH: 13.0

PLASTRON LENGTH: 58.8  
WEIGHT: 125

DESCRIPTIVE REMARKS: pterocladia 4.9 Liq

V530 Squashed -- (expanded)  
2 photos taken  
Photo. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16

CAPTURE DATE, LOCATION AND METHOD:

11/21/97 Punalu'u Hand/Snorkel  
PERSON RECORDING DATA: Noelani

OLD TAGS:

NEW TAGS: RFL 4056  
LFL 4055

TUMOR SCORE

OTHER NEW TAGS: 4057 RFL  
4058 RH

STRAIGHT CARAPACE-LENGTH: 59.7

WIDTH: 45.7

NOTCH LENGTH: 59.3

DB: [ ]

L.O. [ ]

VB: [ ]

L.C. [ ]

CURVED CARAPACE LENGTH: 104

WIDTH: 55

HEAD WIDTH: 9.2

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE Yes

TAIL LENGTH: T 15.5

C [ ]

10.5

RIGHT FRONT FLIPPER WIDTH: 10.4

SAMPLES COLLECTED

PLASTRON LENGTH: 46.1

WEIGHT: 68

DESCRIPTIVE REMARKS: 3 ml Lia

CAPTURE DATE, LOCATION AND METHOD:

11/21/97 Punalu'u Hand/Snorkel  
PERSON RECORDING DATA: Noelani

OLD TAGS:

LH 1194  
RH 1537  
RFL 1388

NEW TAGS: RFL [ ]

LFL [ ]

TUMOR SCORE [ ]

OTHER NEW TAGS: [ ]

STRAIGHT CARAPACE-LENGTH: 71.7

WIDTH: [ ]

NOTCH LENGTH: [ ]

DB: [ ]

L.O. [ ]

VB: [ ]

L.C. [ ]

CURVED CARAPACE LENGTH: 76.5

WIDTH: [ ]

HEAD WIDTH: [ ]

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE Y

TAIL LENGTH: T [ ]

C [ ]

RIGHT FRONT FLIPPER WIDTH: [ ]

SAMPLES COLLECTED

PLASTRON LENGTH: 56.2

WEIGHT: [ ]

DESCRIPTIVE REMARKS:

Green-pigmented Libinia  
remains from 3rd  
11/21/97 attachment LATE 1947

CAPTURE DATE, LOCATION AND METHOD:

11/21/97 Punalu'u - Basking Beach  
PERSON RECORDING DATA: Noelani 11:00 am Beach

OLD TAGS: R588 LH

NEW TAGS: RFL LFL

TUMOR SCORE: 0

OTHER NEW TAGS: front pot beach

STRAIGHT CARAPACE-LENGTH: 66.0 WIDTH: 53.0

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

CURVED CARAPACE LENGTH: 72.0 WIDTH:

HEAD WIDTH: SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH: T C

RIGHT FRONT FLIPPER WIDTH: SAMPLES COLLECTED

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

*[Signature]*

CAPTURE DATE, LOCATION AND METHOD:

11/21/97 Punalu'u Hand/snorkel  
PERSON RECORDING DATA: Noelani

OLD TAGS: K592 RH R92 LH

NEW TAGS: RFL LFL

TUMOR SCORE: 0

OTHER NEW TAGS: R91 RFL R90 LFL

STRAIGHT CARAPACE-LENGTH: 48.7 WIDTH: 37.5

NOTCH LENGTH: 48.7 DB: L.O. VB: L.C.

CURVED CARAPACE LENGTH: 53 WIDTH: 45

HEAD WIDTH: 7.4 SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE N

TAIL LENGTH: T 11 C 7.5

RIGHT FRONT FLIPPER WIDTH: 8.0 SAMPLES COLLECTED

PLASTRON LENGTH: 39.7

WEIGHT: 40

DESCRIPTIVE REMARKS:

1.7 ml Lve

Moderately fresh  
gauge and first  
central

CAPTURE DATE, LOCATION AND METHOD:

10 12/197 Parakeu Hand/Snorkel  
PERSON RECORDING DATA: Xobani

OLD TAGS: ~~H 111910~~ LFL  
NEW TAGS: RFL LFL  
TUMOR SCORE: 0  
OTHER NEW TAGS: K529 RH  
H917 LH

STRAIGHT CARAPACE-LENGTH: 66.0 WIDTH: 50.9  
NOTCH LENGTH: 65.7 DB: L.O. VB: L.C  
CURVED CARAPACE LENGTH: 72 WIDTH: 64

HEAD WIDTH: 9.5 SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE Y  
TAIL LENGTH: T 13 C 9.5  
RIGHT FRONT FLIPPER WIDTH: 12.0 SAMPLES COLLECTED

PLASTRON LENGTH: 49.4  
WEIGHT: 86

DESCRIPTIVE REMARKS: Healing Split across 5th central  
(Suspiciously Tissue Clotted)  
Bum (Tissue Clotted)  
Fiber patches present

508 p.42  
GPS = 19°08.172' N  
155°30.265' W  
PUNACUU

CAPTURE DATE, LOCATION AND METHOD:

10 11/197 Parakeu Hand/Snorkel  
PERSON RECORDING DATA: Xobani

OLD TAGS: ~~701110~~ LFL  
NEW TAGS: RFL LFL  
TUMOR SCORE: 1  
OTHER NEW TAGS: K287 LH  
K288 RFL  
RH 4059

STRAIGHT CARAPACE-LENGTH: 55.3 WIDTH: 45.2  
NOTCH LENGTH: 55.3 DB: L.O. VB: L.C  
CURVED CARAPACE LENGTH: 59.5 WIDTH: 50.0

HEAD WIDTH: 8.5 SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE Y  
TAIL LENGTH: T ~~12~~ 12 C 9  
RIGHT FRONT FLIPPER WIDTH: 9.3 SAMPLES COLLECTED

PLASTRON LENGTH: 43.5  
WEIGHT: 53

DESCRIPTIVE REMARKS: R in mouth  
30 mt live  
ONE Leech in stomach  
transported by STB TO  
KEACOLLA PAPERS AND  
#1 (R) Aw  
#2 Glottis  
2 Tumor  
Tissue Biopsies  
IN 1090 Form  
TO Thierry Winks

CAPTURE DATE, LOCATION AND METHOD:

12/11/1977 Punalu'u Hand/Smorkel

PERSON RECORDING DATA: NOELANI

OLD TAGS:

TUMOR SCORE

0

NEW TAGS: RFL

LFL

4061

4060

OTHER NEW TAGS:

4062 LH

4063 RH

STRAIGHT CARAPACE-LENGTH: 56.6

WIDTH: 45.6

NOTCH LENGTH: 56.5

L.O.

DB:

L.C.

CURVED CARAPACE LENGTH: 61

WIDTH: 54

HEAD WIDTH: 8.9

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE Y

TAIL LENGTH: T 13.5

C

10

RIGHT FRONT FLIPPER WIDTH: 10.5

SAMPLES COLLECTED

PLASTRON LENGTH: 43.5

WEIGHT: 60

DESCRIPTIVE REMARKS: 3.0 ml Lbg

CAPTURE DATE, LOCATION AND METHOD:

13/11/1977 Punalu'u Hand/Smorkel

PERSON RECORDING DATA: NOELANI

OLD TAGS:

TUMOR SCORE

0

NEW TAGS: RFL

LFL

V366 RFL

V365 LFL

OTHER NEW TAGS:

K268 LH

V367 RH

STRAIGHT CARAPACE-LENGTH: 71.5

WIDTH: 55.8

NOTCH LENGTH: 71.3

L.O.

DB:

L.C.

CURVED CARAPACE LENGTH: 77.5

WIDTH: 72

HEAD WIDTH: 10.7

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE Y

TAIL LENGTH: T 18

C

13

RIGHT FRONT FLIPPER WIDTH: 12.0

SAMPLES COLLECTED

PLASTRON LENGTH: 56.1

WEIGHT: 110

DESCRIPTIVE REMARKS: 4.9 ml Lbg

END HUNDRETS #37

12:15 PM

STAFF # 30

2/19/98

CAPTURE DATE, LOCATION AND METHOD:

2/19/98 Boat ramp area (TAN) Snorkel

PERSON RECORDING DATA:

OLD TAGS: Q273 RH, V530 LH, V529 RFL, V528 LFL

NEW TAGS: RFL, LFL

TUMOR SCORE: 0

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 58.72.3

WIDTH: 59

NOTCH LENGTH: -

L.O.

L.C

CURVED CARAPACE LENGTH: 77

WIDTH: 74

HEAD WIDTH: 11.3

PPS: YES OR NO OR NE -

SEX: MALE, FEMALE OR UNDETERMINED

TAIL LENGTH: T -

C

RIGHT FRONT FLIPPER WIDTH: 12.8

SAMPLES COLLECTED

PLASTRON LENGTH: 58.9

WEIGHT: 114 lbs.

DESCRIPTIVE REMARKS:

Seen basking on Boat Ramp beach 2/20/98 PM 10

Consent by John Corey and 2 student dive team

CAPTURE DATE, LOCATION AND METHOD:

2/20/98 Tardis snorkel

PERSON RECORDING DATA: DAMN MATS

OLD TAGS: B436 RFL, B437 LFL, B438 RH, B439 LH

NEW TAGS: RFL, LFL

TUMOR SCORE: 0

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 57.7

WIDTH: 44.5

NOTCH LENGTH: 57.6

DB:

L.O.

VB:

CURVED CARAPACE LENGTH: 61.5

WIDTH: 56

HEAD WIDTH: 9.2

PPS: YES OR NO OR NE Yes

SEX: MALE, FEMALE OR UNDETERMINED

TAIL LENGTH: T 13

C 9

RIGHT FRONT FLIPPER WIDTH: 10.4

SAMPLES COLLECTED

PLASTRON LENGTH: 46.3

WEIGHT: 58 #

DESCRIPTIVE REMARKS:

CAPTURE DATE, LOCATION AND METHOD:

2-19-98 Panaluu

PERSON RECORDING DATA:

OLD TAGS: K283 LH  
K281 LFL  
K282 AFL

NEW TAGS: RFL  
LFL

TUMOR SCORE: 0

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 60.3

WIDTH: 48.7

NOTCH LENGTH: 60.1

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH: 64.5

WIDTH: 60.0

HEAD WIDTH: 8.6

SEX: MALE, FEMALE OR UNDETERMINED

U

PPS: YES OR NO OR NE NO

TAIL LENGTH: T 16

C

RIGHT FRONT FLIPPER WIDTH: 9.9

SAMPLES COLLECTED

PLASTRON LENGTH: 45.9

WEIGHT: 60 lbs

DESCRIPTIVE REMARKS:

right hind flipper missing & healed

3.4 Lig

249 (2)

CAPTURE DATE, LOCATION AND METHOD:

2/20/98 Panaluu Hand snorkel

PERSON RECORDING DATA:

OLD TAGS:

NEW TAGS: RFL 153Z

LFL 154Z LH

TUMOR SCORE: 0

OTHER NEW TAGS: 152Z LFL  
155Z RH

STRAIGHT CARAPACE-LENGTH: 51.3

WIDTH: 42.0

NOTCH LENGTH: 57.1

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH: 55.5

WIDTH: 57.5

HEAD WIDTH: 8.1

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE YES

TAIL LENGTH: T 11

C

RIGHT FRONT FLIPPER WIDTH: 7.6

SAMPLES COLLECTED

PLASTRON LENGTH: 40.4

WEIGHT: 47#

DESCRIPTIVE REMARKS:

0.5 cc  
1/2

See Blood

for T. work

Dawn Matsumura

HERI BOX 5614

Kea'au, HI 96749

966.5401

Recorded weekly all data. February 1998

CAPTURE DATE, LOCATION AND METHOD:

(3)

Punalu'u Handsnorkel Dawn 2/20/98

PERSON RECORDING DATA: Dawn

OLD TAGS: ~~RFL R594~~ RFL NEW TAGS: RFL  
 LFL R595 LFL  
 TUMOR SCORE: BH J424 OTHER NEW TAGS:  
 LH R596 LH

STRAIGHT CARAPACE-LENGTH: 60.3 WIDTH: 48.0  
 NOTCH LENGTH: 60.3 DB: L.O. VB: L.C.  
 CURVED CARAPACE LENGTH: 65 WIDTH: 58

HEAD WIDTH: 9.4 SEX: MALE, FEMALE OR UNDETERMINED  
 PPS: YES OR NO OR NE YES  
 TAIL LENGTH: T C

RIGHT FRONT FLIPPER WIDTH: 9.9 SAMPLES COLLECTED: 5cc Blood for T-work  
 PLASTRON LENGTH: 48.2  
 WEIGHT: 58#

DESCRIPTIVE REMARKS: 3.7-6.18 cc

CAPTURE DATE, LOCATION AND METHOD:

(4)

Punalu'u Hand Snorkel 2-20-98

PERSON RECORDING DATA: Dawn

OLD TAGS: R60 RFL NEW TAGS: RFL  
 R61 RFL LFL  
 TUMOR SCORE: B444 RH OTHER NEW TAGS:  
 R62 LH

STRAIGHT CARAPACE-LENGTH: 57.9 WIDTH: NT  
 NOTCH LENGTH: 57.0 DB: L.O. VB: L.O.  
 CURVED CARAPACE LENGTH: 63 WIDTH: NT

HEAD WIDTH: 8.7 SEX: MALE, FEMALE OR UNDETERMINED  
 PPS: YES OR NO OR NE YES  
 TAIL LENGTH: T 13 C 9.5

RIGHT FRONT FLIPPER WIDTH: 10.7 SAMPLES COLLECTED: 5cc Blood for T-work  
 PLASTRON LENGTH: 44.6  
 WEIGHT: 55#

DESCRIPTIVE REMARKS: (width) none healed indentation L-marg. none healed (beaded) 3.0cc Ula



CAPTURE DATE, LOCATION AND METHOD:

Punalu'u Hand Snorkel 2-20-98

PERSON RECORDING DATA: Dawn

OLD TAGS:

N540 RFL  
N541 LFL  
N542 RH  
K587 LH

NEW TAGS: RFL  
LFL

TUMOR SCORE

0

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 70.2

WIDTH: 56.9

NOTCH LENGTH: 70.2

DB: 76

L.O.

VB: L.C.

CURVED CARAPACE LENGTH: 72.5

WIDTH: 72.5

HEAD WIDTH: 10.6

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE YES

TAIL LENGTH: T 20

C 14.5

RIGHT FRONT FLIPPER WIDTH: 13.3

SAMPLES COLLECTED

PLASTRON LENGTH: 55.5

WEIGHT: 120#

DESCRIPTIVE REMARKS: 4.9cc UA

See Blood  
Blood for T-worms

CAPTURE DATE, LOCATION AND METHOD:

Punalu'u Hand Snorkel 2-20-98

PERSON RECORDING DATA: Dawn

OLD TAGS:

Q224 RFL  
Q225 RH  
Q225 LH  
Q222 LFL

NEW TAGS: RFL  
LFL

TUMOR SCORE

0

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 57.4

WIDTH: 44.9

NOTCH LENGTH: 57.2

DB: 45.8

L.O.

VB: L.C.

CURVED CARAPACE LENGTH: 62.0

WIDTH: 55.5

HEAD WIDTH: 9.0

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE YES

TAIL LENGTH: T 13

C 9

RIGHT FRONT FLIPPER WIDTH: 45.3

SAMPLES COLLECTED

PLASTRON LENGTH: 57#

WEIGHT: 57#

DESCRIPTIVE REMARKS: 3cc UA

See UA

⑦

CAPTURE DATE, LOCATION AND METHOD:

Punalu'u Hand Snorkel  
PERSON RECORDING DATA: Dawn 2-20-98

OLD TAGS: 7604 RFL NEW TAGS: RFL LFL  
7605 RFL 378? plastic  
4654 RH OTHER NEW TAGS:  
62 LH

TUMOR SCORE 0  
STRAIGHT CARAPACE-LENGTH: 75.7 WIDTH: 60.9  
NOTCH LENGTH: 75.7 DB: L.O. VB: L.C.  
CURVED CARAPACE LENGTH: 80.5 WIDTH: 76.5

HEAD WIDTH: 10.9 SEX: MALE, FEMALE OR UNDETERMINED  
PPS: YES OR NO OR NE YES  
TAIL LENGTH: T 17 C 12

RIGHT FRONT FLIPPER WIDTH: 12.6 SAMPLES COLLECTED: 5cc blood  
PLASTRON LENGTH: 58.6 for T. work  
WEIGHT: 132#

DESCRIPTIVE REMARKS: 50 cc blood

5m

⑧

CAPTURE DATE, LOCATION AND METHOD:

Punalu'u Hand Snorkel  
PERSON RECORDING DATA: Dawn 2-20-98

OLD TAGS: V362 RH NEW TAGS: RFL LFL  
V360 RFL  
V361 LFL OTHER NEW TAGS:  
B17 LH

TUMOR SCORE 0  
STRAIGHT CARAPACE-LENGTH: 64.5 WIDTH: 47.3  
NOTCH LENGTH: 64.5 DB: L.O. VB: L.C.  
CURVED CARAPACE LENGTH: 70.7 WIDTH: 61.5

HEAD WIDTH: 10.1 SEX: MALE, FEMALE OR UNDETERMINED  
PPS: YES OR NO OR NE YES  
TAIL LENGTH: T 14 C 9.5

RIGHT FRONT FLIPPER WIDTH: 11.2 SAMPLES COLLECTED: 5cc blood  
PLASTRON LENGTH: 50.7 for T. work  
WEIGHT: 78#

DESCRIPTIVE REMARKS: P.C. in mouth 46 cc UR

CAPTURE DATE, LOCATION AND METHOD:

Punalu'u Hand snorkel 2-20-98

PERSON RECORDING DATA: DAWR

OLD TAGS:

4056 RFL  
4053 LFL  
4058 RH  
4057 LH

NEW TAGS: RFL

LFL

TUMOR SCORE

0

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 59.9

WIDTH: 46.9

60.5

NOTCH LENGTH: 9.4

DB: 60.9

L.O.

VB: 76.6

L.C.

CURVED CARAPACE LENGTH: 64.9

WIDTH: 64.5

HEAD WIDTH: 9.4

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

YES

TAIL LENGTH: T 10

C 11

RIGHT FRONT FLIPPER WIDTH: 10.7

SAMPLES COLLECTED: 5LL Blood for T-work

PLASTRON LENGTH: 40.6

WEIGHT: 105 #

DESCRIPTIVE REMARKS:

4652005  
Water coral reef  
@ Punalu'u

CAPTURE DATE, LOCATION AND METHOD:

Punalu'u Hand snorkel 2-20-98

PERSON RECORDING DATA: DAWR

OLD TAGS:

K273 RFL  
K272 LFL  
K274 RH  
B19 LH

NEW TAGS: RFL

LFL

TUMOR SCORE

0

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 60.4

WIDTH: 46.9

NOTCH LENGTH: 60.4

DB: 60.4

L.O.

VB: 60.5

L.C.

CURVED CARAPACE LENGTH: 65.5

WIDTH: 60.5

HEAD WIDTH: 9.4

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

YES

TAIL LENGTH: T 15

C 10

RIGHT FRONT FLIPPER WIDTH: 10.4

SAMPLES COLLECTED: 5CC Blood

PLASTRON LENGTH: 48.5

WEIGHT: 185 #

DESCRIPTIVE REMARKS:

AWR

10

25

CAPTURE DATE, LOCATION AND METHOD:

Punalu'u Hand Snorkel 2-20-08

PERSON RECORDING DATA: Dawn

OLD TAGS:

4052 RFL  
4051 LFL  
4054 RH  
4053 LH

NEW TAGS: RFL

LFL

TUMOR SCORE

0

OTHER NEW TAGS:

54.4

STRAIGHT CARAPACE-LENGTH:

54.2

WIDTH:

42.9

NOTCH LENGTH:

DB:

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH:

~~59.3~~

WIDTH:

53

HEAD WIDTH:

8.1

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

YES

TAIL LENGTH:

~~8.1~~ 11

T

C

8

RIGHT FRONT FLIPPER WIDTH:

9.9

SAMPLES COLLECTED

PLASTRON LENGTH:

40.5

5 CC blood  
for T. WORK

WEIGHT:

49#

DESCRIPTIVE REMARKS:

PC in month

CAPTURE DATE, LOCATION AND METHOD:

Punalu'u Hand Snorkel 2-20-08

PERSON RECORDING DATA: Dawn

OLD TAGS:

NEW TAGS: RFL

-RFL

TUMOR SCORE

0

OTHER NEW TAGS:

156Z LFL  
157Z RFL

158Z LH

159Z RH

STRAIGHT CARAPACE-LENGTH:

54.2

WIDTH:

43.5

NOTCH LENGTH:

53.9

DB:

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH:

59

WIDTH:

52

HEAD WIDTH:

9.1

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

YES

TAIL LENGTH:

T

C

RIGHT FRONT FLIPPER WIDTH:

9.5

SAMPLES COLLECTED

PLASTRON LENGTH:

44.7

5 CC blood  
for T. WORK

WEIGHT:

54#

DESCRIPTIVE REMARKS:

PC month

2.3 cc blood

12

13

CAPTURE DATE, LOCATION AND METHOD:

Punalu'u Hand Snorkel Dawn 2-20-88

PERSON RECORDING DATA:

OLD TAGS: NEW TAGS: RFL 1602 LFL 1612 RFL 1622 LH 1632 RH

TUMOR SCORE 0

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 53.9 WIDTH: 44.0 NOTCH LENGTH: -NT DB: L.O. VB: L.C. CURVED CARAPACE LENGTH: 58 WIDTH: 52.5

HEAD WIDTH: 8.7 SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE YES

TAIL LENGTH: T 12 C 8

RIGHT FRONT FLIPPER WIDTH: 9.8 SAMPLES COLLECTED: 5cc Blood for Tissue

PLASTRON LENGTH: 40.9

WEIGHT: 46#

DESCRIPTIVE REMARKS:

2.3 cc UIR healed groove deep between carapace post carapace

14

CAPTURE DATE, LOCATION AND METHOD:

Punalu'u Hand Snorkel 2-20-88

PERSON RECORDING DATA:

OLD TAGS: NEW TAGS: RFL 8256 LFL 4257 RFL 4259 RH 4258 LH

TUMOR SCORE 0

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 64.7 WIDTH: 60.3 NOTCH LENGTH: 64.5 DB: L.O. VB: L.C. CURVED CARAPACE LENGTH: 70.5 WIDTH: 61.5

HEAD WIDTH: 10.1 SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH: T 13.5 C 9.5

RIGHT FRONT FLIPPER WIDTH: 11.4 SAMPLES COLLECTED:

PLASTRON LENGTH: 51.5

WEIGHT: 80#

DESCRIPTIVE REMARKS:

2.3 cc UIR SUSPICIOUS BUMPS jaw hinges

CAPTURE DATE, LOCATION AND METHOD: HAAD

PUNALUU SNAREL

PERSON RECORDING DATA: T. WORK

2-20-98

(15)

OLD TAGS:

NEW TAGS: RFL  
LFL

NEW TAGS: RFL 165 Z  
LFL 164 Z

TUMOR SCORE

0

OTHER NEW TAGS:

RH 166 Z  
LH 167 Z

STRAIGHT CARAPACE-LENGTH: 47.5

WIDTH: 36.7

NOTCH LENGTH: 47.4

DB: L.O.

VB: L.C.

CURVED CARAPACE LENGTH: 50.5

WIDTH: 42

HEAD WIDTH: 7.6

SEX: W

MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH: T 10.5

C 7.5

RIGHT FRONT FLIPPER WIDTH: 8.0

SAMPLES COLLECTED

PLASTRON LENGTH: 39.1

WEIGHT: 33#

DESCRIPTIVE REMARKS:

LIP 1.7cc 1M

V530  
B.A.S.N.  
(4062)  
(IPM)

CAPTURE DATE, LOCATION AND METHOD: HAAD

PUNALUU SNAREL

PERSON RECORDING DATA: T. WORK

2-20-98

(16)

OLD TAGS:

NEW TAGS: RFL  
LFL

NEW TAGS: RFL RM J461  
LFL LH J460

TUMOR SCORE

0

OTHER NEW TAGS:

REL J459  
RFL J458

STRAIGHT CARAPACE-LENGTH: 70.6

WIDTH: 78.64

NOTCH LENGTH: 70.4

DB: L.O.

VB: L.O.

CURVED CARAPACE LENGTH: 76

WIDTH: 72

HEAD WIDTH: 10.5

SEX: W

MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH: T 19.5

C 13

RIGHT FRONT FLIPPER WIDTH: 12.3

SAMPLES COLLECTED

PLASTRON LENGTH: 54

WEIGHT: NT\*

DESCRIPTIVE REMARKS:

LIP 4.3cc (POSTAGE STAMP) (B.A.S.N. 4.9)

\* NO SCALP (200#) SO NO DT

PUNAW #38 END  
1 PM BASKING

CAPTURE DATE, LOCATION AND METHOD:

PUNAW 2/2/98

PERSON RECORDING DATA:

OLD TAGS: 4062  
NEW TAGS: RFL  
LFL  
TUMOR SCORE 0  
OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: - WIDTH: -  
NOTCH LENGTH: - DB: - L.O. VB: - L.C.  
CURVED CARAPACE LENGTH: - WIDTH: -

HEAD WIDTH: - SEX: MALE, FEMALE OR UNDETERMINED  
PPS: YES OR NO OR NE - C  
TAIL LENGTH: T - C

RIGHT FRONT FLIPPER WIDTH: - SAMPLES COLLECTED:  
PLASTRON LENGTH: -  
WEIGHT: -

DESCRIPTIVE REMARKS:

Seems by GIB basking  
on Boot Ramp beach  
with numerous  
Tourists nearby

PUNAW #38 END

CAPTURE DATE, LOCATION AND METHOD:

PUNAW 30 July 99 BASKING  
Boot Ramp Beach

PERSON RECORDING DATA:

OLD TAGS: 156Z  
157Z  
NEW TAGS: RFL  
LFL  
TUMOR SCORE 0  
OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: - WIDTH: -  
NOTCH LENGTH: - DB: - L.O. VB: - L.C.  
CURVED CARAPACE LENGTH: - WIDTH: -

HEAD WIDTH: - SEX: MALE, FEMALE OR UNDETERMINED  
PPS: YES OR NO OR NE - C  
TAIL LENGTH: T - C

RIGHT FRONT FLIPPER WIDTH: - SAMPLES COLLECTED:  
PLASTRON LENGTH: -  
WEIGHT: -

DESCRIPTIVE REMARKS:

TAGS read by SUEJIN  
HWAANG

CAPTURE DATE, LOCATION AND METHOD:

Punaluu #1 2/16/99 8:30pm Basking

PERSON RECORDING DATA: Tiffany Lyndsey

407741707A

OLD TAGS:

7570

NEW TAGS: LHF

TUMOR SCORE

7550

LHF

0598

OTHER NEW TAGS:

4649

TDR 97245

4104237014

STRAIGHT CARAPACE-LENGTH: 78.1

WIDTH: 59.9

NOTCH LENGTH: 78.0

L.O.

DB: VB: L.C.

CURVED CARAPACE LENGTH: 82.5

WIDTH: 76

HEAD WIDTH: 11.3

SEX: MALE, FEMALE OR UNDETERMINED

M

PPS: YES OR NO OR NE

yes

TAIL LENGTH: T

44

C

23

RIGHT FRONT FLIPPER WIDTH: 14.8

SAMPLES COLLECTED

PLASTRON LENGTH: 60.1

WEIGHT: ~~44 lbs~~

DESCRIPTIVE REMARKS:

3x4 adult. webbed - many found ~~sonic tag removed~~ 5.6 LIA

#1 L-JH, #17/E JH

right eye #1 anterior (over)

took out a dozen +

CAPTURE DATE, LOCATION AND METHOD:

2/16/99 Horseshoe Head

PERSON RECORDING DATA: Britni Biaggio

41041B203F

OLD TAGS:

H201

NEW TAGS: LHF

TUMOR SCORE

H202

LHF

0

H203

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 57.3

WIDTH: 49.3

NOTCH LENGTH: 57.1

L.O.

DB: VB: L.C.

CURVED CARAPACE LENGTH: 62.5

WIDTH: 59

HEAD WIDTH: 9.0

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

yes

TAIL LENGTH: T

11

C

7.5

RIGHT FRONT FLIPPER WIDTH: 10.8

SAMPLES COLLECTED

PLASTRON LENGTH: 47.2

WEIGHT: 601 lbs

DESCRIPTIVE REMARKS:

beard collected in field

took out a dozen +



RECHESSE LA BIADINE

CAPTURE DATE, LOCATION AND METHOD:

2/16/99 Horseshoe Hand Snorkel  
PERSON RECORDING DATA: Britni Briggs

OLD TAGS: 41041B0338  
NEW TAGS: RFL  
LFL  
TUMOR SCORE 0  
OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 53.5 WIDTH: 42.6  
NOTCH LENGTH: 53.4 DB: L.O. VB: L.C.  
CURVED CARAPACE LENGTH: 58 WIDTH: 49.5

HEAD WIDTH: 8.5  
PPS: YES OR NO OR NE yes  
SEX: MALE, FEMALE OR UNDETERMINED

TAIL LENGTH: T 10 c 7  
RIGHT FRONT FLIPPER WIDTH: 9.9 SAMPLES COLLECTED

PLASTRON LENGTH: 42.3  
WEIGHT: 47.105  
DESCRIPTIVE REMARKS:

CAPTURE DATE, LOCATION AND METHOD:

2/16/99 Horseshoe Hand Snorkel  
PERSON RECORDING DATA: LFF  
NEW TAGS: R  
L  
41041B445F  
OTHER NEW TAGS: LHF  
4104093450

OLD TAGS: Q048  
NEW TAGS: R  
L  
Q049  
Q050  
TUMOR SCORE 0  
OTHER NEW TAGS: LHF  
4150

STRAIGHT CARAPACE-LENGTH: 50.5 WIDTH: 41.3  
NOTCH LENGTH: 50.2 DB: L.O. VB: L.C.  
CURVED CARAPACE LENGTH: 54.5 WIDTH: 50

HEAD WIDTH: 8.1  
PPS: YES OR NO OR NE yes  
SEX: MALE, FEMALE OR UNDETERMINED

TAIL LENGTH: T 11 c 7.5  
RIGHT FRONT FLIPPER WIDTH: 9.3 SAMPLES COLLECTED

PLASTRON LENGTH: 40.2  
WEIGHT: 42.105  
DESCRIPTIVE REMARKS:

~~RECHESSE LA BIADINE~~

41042.3

CAPTURE DATE, LOCATION AND METHOD:

2/16/99 Horseshoe *Juv* Hand Snorkel

PERSON RECORDING DATA: Britni Briggs

4104015067

OLD TAGS:

NEW TAGS:  HLF

NEW TAGS: RE:  HLF

TUMOR SCORE

0

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 46.4

WIDTH: 37.7

NOTCH LENGTH: 46.0

DB:

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH: 49.5

WIDTH: 44.5

HEAD WIDTH: 7.6

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE  yes

TAIL LENGTH: T 10

C 7

RIGHT FRONT FLIPPER WIDTH: 9.1

SAMPLES COLLECTED

PLASTRON LENGTH: 36.5

WEIGHT: 30

DESCRIPTIVE REMARKS:

ding / notch out of shell (110 1.7)

CAPTURE DATE, LOCATION AND METHOD:

2/16/99 Horseshoe *Juv* Hand Snorkel

PERSON RECORDING DATA: Britni Briggs

407D4A1059

OLD TAGS:

NEW TAGS: RE:  HLF

NEW TAGS: RE:  HLF

TUMOR SCORE

0

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 50.5

WIDTH: 40.2

NOTCH LENGTH: 50.5

DB:

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH: 56

WIDTH: 49.5

HEAD WIDTH: 8.4

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE  yes

TAIL LENGTH: T 11

C 7.5

RIGHT FRONT FLIPPER WIDTH: 9.0

SAMPLES COLLECTED

PLASTRON LENGTH: 41.5

WEIGHT: 43 lbs

DESCRIPTIVE REMARKS:

(110 2.3)

✓ Continued from p. 76 (9)

CAPTURE DATE, LOCATION AND METHOD:

2-17-99 Puna Ina Hands S. Swartel

PERSON RECORDING DATA: Patrick

OLD TAGS: V529/V528  
NEW TAGS: LFF  
TUMOR SCORE: 0  
OTHER NEW TAGS: Q273/V530

NEW TAGS: LFF  
407A286845  
407A2E1909

STRAIGHT CARAPACE-LENGTH: 72.9 WIDTH: 59.4 L.C.  
NOTCH LENGTH: 72.7 DB: L.O. VB:  
CURVED CARAPACE LENGTH: 77.5 WIDTH: 75

HEAD WIDTH: 11.4 SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE NO  
TAIL LENGTH: T 17 C 11.5 SAMPLES COLLECTED: 13.2

RIGHT FRONT FLIPPER WIDTH: 59.1  
PLASTRON LENGTH:  
WEIGHT:  
DESCRIPTIVE REMARKS:

CAPTURE DATE, LOCATION AND METHOD:

2-17-99 Puna Ina Hands S. Swartel

PERSON RECORDING DATA: Patrick

OLD TAGS: N540/N541  
NEW TAGS: RI LFF  
TUMOR SCORE: 0  
OTHER NEW TAGS: N542/K587

NEW TAGS: RI LFF  
407A3A1A7E

STRAIGHT CARAPACE-LENGTH: 70.2 WIDTH: 55.9 L.C.  
NOTCH LENGTH: 70.2 DB: L.O. VB:  
CURVED CARAPACE LENGTH: 76.5 WIDTH: 72.5

HEAD WIDTH: 11.2 SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE YES  
TAIL LENGTH: T 16 C 11 SAMPLES COLLECTED: 12.5

RIGHT FRONT FLIPPER WIDTH: 55.3  
PLASTRON LENGTH:  
WEIGHT:  
DESCRIPTIVE REMARKS:

No P.I. tag detected multiple scanners @

P.C. in mouth

CAPTURE DATE, LOCATION AND METHOD: 11

2-19-99 Punaluu. Hand Snorkel

PERSON RECORDING DATA: Patrick

OLD TAGS:

R91/R90  
K592/R92

NEW TAGS:

LFF

407A33542C



TUMOR SCORE

0

OTHER NEW TAGS: LHF

407A44237C



STRAIGHT CARAPACE-LENGTH: 52.6

WIDTH: 40.6

NOTCH LENGTH: 52.4

DB:

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH: 57.5

WIDTH: 49

HEAD WIDTH: 8.3

SEX: MALE, FEMALE OR UNDETERMINED

UNDETERMINED

PPS: YES OR NO OR NE YES

YES

TAIL LENGTH: T 13.5

C

9

RIGHT FRONT FLIPPER WIDTH: 9.9

SAMPLES COLLECTED

PLASTRON LENGTH: 42.6

WEIGHT: 49 lbs

DESCRIPTIVE REMARKS:

CAPTURE DATE, LOCATION AND METHOD: 12

2-17-99 Punaluu Handsnorkel

PERSON RECORDING DATA: Patrick

OLD TAGS:

N537/H194

NEW TAGS: RFL

TUMOR SCORE

0

N388

LFL

LHF-40773C49 37 OTHER NEW TAGS: LFF-407757423 4

STRAIGHT CARAPACE-LENGTH: 72.2

WIDTH: 54.6

NOTCH LENGTH: 72.2

DB:

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH: 77

WIDTH: 71

HEAD WIDTH: 10.8

SEX: MALE, FEMALE OR UNDETERMINED

UNDETERMINED

PPS: YES OR NO OR NE YES

YES

TAIL LENGTH: T

C

RIGHT FRONT FLIPPER WIDTH: 13.3

SAMPLES COLLECTED

PLASTRON LENGTH: 56.9

WEIGHT: —

DESCRIPTIVE REMARKS:

LFF - Healed Slit - Tag lost.

CAPTURE DATE, LOCATION AND METHOD:

2-17-99 Punaluu Hand Sorkel

PERSON RECORDING DATA: Patrick

OLD TAGS:

1522/153Z  
154Z/155Z

TUMOR SCORE

0

NEW TAGS

LFF 407A363D2B

OTHER NEW TAGS: LHF 407A476F16

STRAIGHT CARAPACE-LENGTH: 54.5

WIDTH: 44.9

NOTCH LENGTH: 54.1

L.O.

DB: 59

VB: 55

L.C.

CURVED CARAPACE LENGTH: 10.5

WIDTH: 55

HEAD WIDTH: 8.5

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE YES

TAIL LENGTH: T 12

C

8.5

RIGHT FRONT FLIPPER WIDTH: 42.6

9.7

SAMPLES COLLECTED

PLASTRON LENGTH: 51.65

4 Plastron barnacles collected for by Emily Dudley - 90% alcohol

WEIGHT: 59

DESCRIPTIVE REMARKS:

14

CAPTURE DATE, LOCATION AND METHOD:

2-17-99 Punaluu Hand Sorkel

PERSON RECORDING DATA: Patrick

OLD TAGS:

Q594/Q595  
Q597/Q596

TUMOR SCORE

1

NEW TAGS: RFL

LFL

LFF: 4077476B02  
LHF: 4077582F19

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 56.1

WIDTH: 44.3

NOTCH LENGTH: 55.7

DB: 61

L.O.

VB: 53

L.C.

CURVED CARAPACE LENGTH: 61

WIDTH: 53

HEAD WIDTH: 8.9

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE YES

TAIL LENGTH: T 13

C

9.5

RIGHT FRONT FLIPPER WIDTH: 43.6

9.9

SAMPLES COLLECTED

PLASTRON LENGTH: 59

WEIGHT: 59

DESCRIPTIVE REMARKS:

RBYE ANTERIOR 141

3.0 cc lig

QID PUNALUU #41

Date: Tue, 5 Jan 1999 14:31:42 -1000 (HST)  
From: Denise Ellis <dellis@honlab.nmfs.hawaii.edu>  
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>  
Subject: Sapphire Moon, from Kapoho

Phone: 808-934-9205 (ok to leave a msg)  
Called again re: algae and green sea turtle "Alapaki".  
I let her know algae would not impede the turtle's breathing, but she still wanted someone to go down (from the Big Island) and test the algae to ID it, etc., after a few calls to my DLNR contacts here, I think I may direct her to Karla McDermid at UH Hilo.  
Note: She also wanted a professional opinion about what they should be feeding the turtle, one older resident feeds it dog food (and of course the turtle eats anything) and she feels this is not good for the turtle, as it has a lot of processed stuff in it. She tries to encourage people to feed it fresh lettuce and fish, etc. She wanted a professional opinion to either 1) assure her the dog food is OK to feed the turtle or 2) have ammunition to approach the person and ask them not to continue using dogfood.

Reduce Punaluu Book

KAPOHO BEACH ESTAB

Date: Thu, 8 Apr 1999 12:54:06 -1000 (HST)  
From: Denise Ellis <dellis@honlab.nmfs.hawaii.edu>  
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>  
Cc: "Shawn K.K. Murakawa" <smurakaw@honlab.nmfs.hawaii.edu>, Shandell.Eames@noaa.gov  
Subject: Turtles in Lower Puna District of the Big Island

Cindy Bryan 808-965-6237  
Called to report she found a dead sea turtle on the shore near the tidal ponds in her area during beach clean up. Numerous tumors on eyes, mouth, and front flippers. No tags seen at the time. Approx. 1.5 feet long, 20#. moderate emaciation and soft plastron. No obvious external injuries. Advanced decomposition (maggots and smelly). She said she would probably bury it.

Punaluu Book

POTIKI

(Bot ramp)

She also saw 2 live ones up on the rocks, they did not return to the water when approached but they were put to the water and swam away. Both were tumored. One heavily w/ large tumors on face and flippers. The other had small tumors but covering the eyes and limited vision.

Dead Turtle Report  
*Chelonia mydas*  
June 5, 1999

Punaluu Book

HILO DEAD STRAND

The dead animal was first noticed by Hilo Yacht Club staff on the morning of Saturday, June 5, 1999. I was called around 11:30 am when they were unable to reach DOCARE other than by message machine. One of the staff knows Dave Rose and remembered a conversation with him about UHH's work with NMFS on turtles at Punaluu; hence her decision to call me. I got to the Yacht Club around 2:00 pm to examine the carcass and take measurements.

The carcass was lying on its plastron, its head turned sharply to the right. It was located on intertidal grass some 20 feet or more from the water (the tide appeared to be low). It was generally located makai of the eastern end of the Yacht Club swimming pool.

There were no obvious signs of injury on the animal. There was a small (~70 mm x 3 mm), shallow (<2 mm) scrape on the plastron. There was also a small broken area (~50 mm x 10 mm) on the surface of the carapace. Neither damaged area looked life threatening. There was no sign of fibropapilloma disease anywhere on the turtle. There were no tags on the turtle and its flippers did not appear to have ever been tagged. The eyes were slightly bulged out, reddish, and slightly cloudy internally. There were no scavengers eating the carcass and it had no rotting smell. With the exception of the fact that the animal was dead, it looked very healthy.

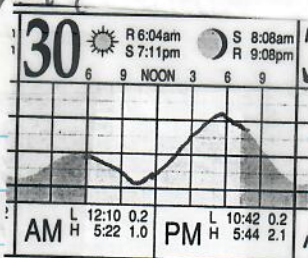
The measurements I took are as follows:

- Straight carapace length = 73.6 cm
- Straight carapace width = 57.6 cm
- Straight plastron length = 57.4 cm
- Straight plastron width = 58.4 cm
- Tail length (edge of posterior plastron to tip) = 17.1 cm

Before leaving, I took two photographs of the animal from dorsal view and two from ventral. The film is Kodak Gold 200 ASA color print film. I will send prints and will scan the negatives to produce .jpg files of the photos.

30 July 99

Friday



SEE DATA/MS 15 28, 70.

7/30/99 Depart 7/30/99 Aloha for Hilo 7:30am

w/ SUE JIN HWANG <sup>25yo</sup> 2nd year vet student Tufts Univ, MA  
Sent to Hawaii by Alonso for Bone Marrow study. Arrived - 8:20am

National Car rental. Ken's Pancake House. Drove to  
Punaluu - Saw MBS, Howard, Guy & Julie in Seattle for Sockeye for months.

Two turtles basking close to one another, (photos) <sup>on wet sand</sup>

Boat Ramp beach 11:30 AM ONE w/ TAG = Q273  
CARAPACE - 98°F; RFF 91°F; DRY SAND 113-118°F; WET SAND 84°F,

Third turtle farther down BRB <sup>outst. beach</sup> - TAG = 156Z, 157Z

Many beachgoers - excitement of seeing turtles etc.  
New <sup>+ new turtle postcards</sup> had brochure - basking turtle featured  
in front (but erroneously says green's nest here).

Hiked out TO TURTLE BAY, 5-7 turtles  
seen surfacing/feeding, <sup>but</sup> NONE straight down <sup>PHOTOS</sup> under lookout  
where snagging fishing used to occur. Hiked back on  
trail bordering ocean.

Snorkeled in Bay Punaluu - Numerous turtles -  
Some moved away slowly upon approach, others stayed  
and continued to feed. NO Terns seen. Sue Jin

read to J460. I read Q224 - Tameless -  
allowed petting, turning around, looking at face.  
AMAZING turtle! (like) <sup>SOUTH MAUI</sup> Bo Blinshis!

Lunch at Mizuno's store, lahala. Drove to Volcano  
House, Circle Crater drive. Drove to  
Pahoa, to Cape Kumukahi "4-Corners" - turned right

PUNAWU - KAPOHO

Friday  
30 July 99

Turned left first road (~ 1/2 mile? from 4 corners) to Guard House of Kapoho Bennett Estate. Marty Burch - lives there < 10 years next full feed turtle - these seem small ~ 13 years. Length (TL)  $\frac{1}{1.4L}$  but carapace length  $\frac{1}{small}$  ~ 50L 70cm. Plastron look robust. Turtle came right up for feeding. Has been feeding lettuce, because too

Sent  
Marty Burch 7/30/99  
PO Box 85 see p. 41  
Pahoa, HI 96778  
808-965-8766  
Kapoho Beach Lots  
PUNA, Big Island

by Sapphire <sup>reuter</sup> Moon that <sup>some one said</sup> dog food is not good. Marty says turtle is fine. Also, that algae in pond is just natural yearly change. "Algae" is unicellular, muck on bottom. No benthic algae seen. Fish. Marty said to occasionally catches/eats a fish (Sillies). Holt family got turtle after some local purportedly took or killed 3 other turtles previous in pond. Marty wants turtle left in pond because if released here it would get tumors like ones she sees in Bay. Mangroves inside remains of fish pond near her home. She's snorkel in there and



30 July 99

PUNALOO - KAPOHO

38

Friday seen turtles resting (some w/ tumors).  
Turtles go there when sick or to die she thinks.

Drove around Kapoho Beach Lots - Saw <sup>Debbie & Jim</sup> MAKAWEO former home - They moved to New Zealand several years ago. Unknown if turtles are still in their ponds.

Saw Peggy Forques Home & adjacent <sup>sege</sup> vacation rental. Turtles in pond according to Marty - But we couldn't see them from the road. Saw (new) lava flow that had tumbled former beach front property into non beach front. This flow already there when Barry and I tagged Mapeeo turtles. Many new houses built since then.

Depart Kapoho ~ 6<sup>30</sup>pm (mosquitos).  
Depart Hilo 8pm Aloha

30 JULY 99 Punalu'u Bay  
 Friday

Tag Resightings - in the water -  
 Q224 foraging on algae close  
 to shore.  
 - 2:00 PM

Resightings by GTHB and Sue Jin Hsu

Q224 - This turtle very tame, <sup>made</sup>no attempt to swim away.

and

J460

Historical information for turtle Q223

National Marine Fisheries Service  
 2570 Dole Street  
 Honolulu Hawaii 96822-22396

NATIONAL MARINE FISHERIES SERVICE  
 HONOLULU HAWAII  
 GENERAL SERVICES ADMINISTRATION  
 FORM 7540-01-317-7268  
 5099-101  
 U.S. DEPARTMENT OF COMMERCE

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
773C4345	12/02/98	PIT	LHF
7D386103	07/15/98	PIT	PIT
Q223	11/28/95	1681	LFL
Q224	11/28/95	1681	RFL
Q225	11/28/95	1681	LHF
Q251	11/28/95	1681	RHF

Historical information--

Date	Type of Encounter	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter				Overall			
						Interval Month	Year	Growth-rates cm/mon cm/yr		Interval Month	Year	Growth-rates cm/mon cm/yr	
11/28/95	Near Shore	Hawaii, Punaluu Bay	0	-	50.6	---	---	---	---	---	---	---	---
06/26/96	Near Shore	Hawaii, Punaluu Bay	1	-	52.5	6	0.5	0.3	3.8	6	0.5	0.3	3.8
11/15/96	Near Shore	Hawaii, Punaluu Bay	0	-	54.2	4	0.3	0.4	5.7	11	0.9	0.3	4.0
01/24/97	Near Shore	Hawaii, Punaluu Bay	0	-	54.4	2	0.2	0.1	1.0	13	1.1	0.3	3.5

P.O. Box 85  
Pahoa, HI 96778  
Aug. 11, 1999

11  
1700

Dear George,

Your information regarding sea turtles is greatly appreciated and your photo of the "nesting lady" is delightful.

Please come to Kapoho again, it's a great place for R+R and seeing turtles.

Aloha,  
Marty Busch  
Kapoho Beach Lots  
Big Island

--Continued  
Historical information--

2

Date	Type of Encounter	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter				Overall			
						Interval Month	Year	Growth-rates cm/mon	cm/yr	Interval Month	Year	Growth-rates cm/mon	cm/yr
02/20/98	Near Shore	Hawaii, Punaluu Bay	0	-	57.4	12	1.0	0.3	3.0	26	2.2	0.3	3.1
07/15/98	Near Shore	Hawaii, Punaluu Bay	0	-	58.3	4	0.3	0.2	3.0	31	2.6	0.2	3.0
12/02/98	Near Shore	Hawaii, Punaluu Bay	0	-	59.2	4	0.3	0.2	3.0	36	3.0	0.2	2.9

See p 42

JWF

K287-K289

Relocated to Hilo Bay 11/97 Punaluu # after catching it with FP's. See p. 10

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
K287	12/01/93	1681	LFL
K288	12/01/93	1681	RFL
K289	12/01/93	1681	LHF

Historical information--

Date	Type of Encounter	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter				Overall				
						Interval Month	Year	Growth-rates cm/mon	cm/yr	Interval Month	Year	Growth-rates cm/mon	cm/yr	
12/01/93	Near Shore	Hawaii, Punaluu Bay, Site #1	0	-	43.3	---	---	---	---	---	---	---	---	---

(See DH)

Historical information for turtle J458

National Marine Fisheries Service  
2570 Dole Street  
Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
350C7300	06/29/99	PIT	LHF
77311717	07/15/98	PIT	PIT
J458	07/06/94	1681	LFL
J459	07/06/94	1681	RFL
J460	07/06/94	1681	LHF
J461	07/06/94	1681	RHF

Historical information--

Date	Type of Encounter	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter				Overall				
						Interval Month	Year	Growth-rates cm/mon	cm/yr	Interval Month	Year	Growth-rates cm/mon	cm/yr	
07/06/94	Near Shore	Hawaii, Punaluu Bay	0	-	67.7	---	---	---	---	---	---	---	---	---
04/21/95	Near Shore	Hawaii, Punaluu Bay	0	-	67.9	9	0.8	0.0	0.3	9	0.8	0.0	0.3	
11/28/95	Near Shore	Hawaii, Punaluu Bay	0	-	68.1	7	0.6	0.0	0.3	16	1.3	0.0	0.3	
02/08/96	Near Shore	Hawaii, Punaluu Bay	1	-	68.4	2	0.2	0.2	1.5	19	1.6	0.0	0.4	

--Continued

Historical information--

Date	Type of Encounter	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter				Overall			
						Interval Month	Year	Growth-rates cm/mon	cm/yr	Interval Month	Year	Growth-rates cm/mon	cm/yr
06/26/96	Near Shore	Hawaii, Punaluu Bay	0	-	68.9	4	0.3	0.1	1.7	23	1.9	0.1	0.6
02/20/98	Near Shore	Hawaii, Punaluu Bay	0	-	70.6	19	1.6	0.1	1.1	43	3.6	0.1	0.8
07/15/98	Near Shore	Hawaii, Punaluu Bay	0	-	70.6	4	0.3	0.0	0.0	48	4.0	0.1	0.7
06/29/99	Near Shore	Hawaii, Punaluu Bay	0	-	70.8	11	0.9	0.0	0.2	59	4.9	0.1	0.6

PUNALUU #37  
20-21 NOV, 97

11-20-97 Depart alone, Aloha R  
Thursday 2:20 pm for HILO;

- Objectives:
- ① Tag, measure, weigh and treat with Iqumycin as many turtles as possible
  - ② Search again - this time including at night, - turtle(s) in Ninole pond.
  - ③ Attach MK5 TDR to another turtle - comparable size to N388, that also basks on the beach.

- Need - Compute Growth rates Prior 1989 vs Post 1989 ✓
- Barnacle articles TO EMILY DUDLEY ✓
- ANIMAL CAGE TO MOP HILO
- Return 35mm slides ✓

*[Handwritten scribble]*

*[Faint handwritten text at top of page]*

**Date:** 9/30/97  
**Sender:** Denise Ellis  
**To:** George Balazs, Shawn Murakawa, Shandell Eames, Rhey Castillo  
**Priority:** Normal  
**Subject:** One more call about turtles at Ninole ponds

7 || Nani  
 P.O. Box 778  
 Pahala, HI 96777  
 Ph: (808) 928-8018

Resident in area raising ponies. Interested in outcome of turtles, willing to help out if needed. Am willing to help out if something needs to be checked out on that side.  
 Her neighbor is Francis and her number is (808) 928-0608, she would be willing to show the pond to whomever may go down. Nani and Francis also have been collecting seaweed every now and then to feed turtles. (Turtles) will come up to you if you stand on the ocean side of pond.  
 Her directions to pond. At Punalu'u drive til condos are on your right. Just past Condos is a paved road to the right lined with autograph trees (road to the beach is to the left). The pavement dead ends with the golf offices on the right and there is a dirt road on the left, Follow the dirt road til you get to the rocky area: a mud pond, heiau and small beach in a bay will be to your right. The pond with the turtles is to the left, there is lots of grass in/around the pond.

45

Reduce

Date: Mon, 7 Jul 1997 19:03:58 -1000  
From: Brent Larcen <larcen@hawaii.edu>  
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>  
Cc: Leon Hallacher <leonh@hawaii.edu>, John Coney <jconey@hawaii.edu>  
Subject: Re: Turtles

Dear George.

On July 5, 1997 I was at Punaluu and I saw "Bleeper" hauled out on the beach for about 2 hours. He then got into the water when the tide got high, and ate until I left. I arrived at 1pm and left at 5pm.

I found out about a couple of days after you left the big island that I am missing some general education credits and needed to take summer school (nine credits) in order to graduate next year on time. So I have only been going to see the turtle once a week but I am observing him for at least five hours at a visit and I've recorded some very interesting things.

Thank You  
Brent

Date: Tue, 23 Sep 1997 09:56:27 -1000  
From: Leon Hallacher <leonh@hawaii.edu>  
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>  
Subject: Larsen and turtles

George,

Reduce  
Punahoa

I'd like to send Brent to Punaluu once a week to monitor the extent of tourism and how it impacts turtles hauled out on the beach. Basically, he'd go to Punaluu on alternating week days (week 1 = Mon, week 2 = Tues, week 3 = Wed, etc) and monitor tourist/local activity from 11:00 am - 3:00 pm which I think is the peak period (10-2?). He'd:

monitor vehicles parking and disembarking passengers  
vehicle type  
time of arrival  
tour company if possible  
number of passengers getting off  
duration of the vehicle's stay

monitor persons surrounding turtles on the beach (using binoculars)  
number of persons  
time of day  
number of persons touching the turtles  
turtle response

monitor persons swimming/snorkeling  
number  
time of day  
chasing/touching/riding turtles?

I know this is more of a geography-type project than the science we normally do, but I think the information would be useful. We really don't have any idea of how many tourists actually visit Punaluu every day or what percentage of them bug the turtles.

I might also have him quietly try to log the ethnicity of the tourists (Asian, European, "local"). I'd like to find out if one group of tourists were more likely to bug the turtles than another. If so, we could then quietly target educational pamphlets at that group more than others (via tour companies as you have suggested in the past).

Please let me know if you think this is a total waste of time or whether it just might provide some useful information. If you think it's basically a good idea but needs modification, I'm open to suggestions.

Cheers, Leon

48  
Date: Mon, 20 Oct 1997 10:41:05 -1000  
From: Leon Hallacher <leonh@hawaii.edu>  
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>  
Subject: Re: FW Turtles (fwd)

*Reduce*

George,

I managed to finally connect with John Kahiapo (in our parking lot at school). We talked about the pond turtles for some time. I explained that Brent Larsen looked for them for 6 hours without success and told him that I wondered if maybe there wasn't some way in our out of that pond. I don't think I convinced him. However, he completely agrees that nobody ought to go into that pond to try to rescue any turtles that might be in there. He wouldn't go into that "grungy" pond (his words) for a turtle and wouldn't expect anyone else to do so either.

I am still playing telephone tag with Larry, but I'm willing to bet that he'll be just as understanding about this situation. Will keep you posted in that regard.

Just an after thought, John says he saw the turtles around dawn. Apparently that's about the time (6:00 am) that folks see them. Maybe they lay low during mid-day, but there doesn't seem to be much vegetation hide them if that's the case. A mystery to be sure.

Finally, Marc Rice mentioned your HPA tagging expedition at the Mauna Lani (I think) next Monday and invited me to invite some of our students. I told him that the only one I would invite is Brent Larsen. As it turns out, Brent has a heavy course schedule that day and cannot attend. Just wanted you to know. Cheers. Leon

On Fri, 3 Oct 1997, George H. Balazs wrote:

> Absolutely. I fully support you. Express it to him, and I hope  
> additionally to the head volunteer Ann Yen. You can't depend upon Larry to  
> pass this faithfully to Ann (unfortunately).

>  
> After two years of our looking, I tend to agree. The "missing" piece is  
> How? Underwater passage small lava tube? Maybe. I guess when calm we  
> need to snorkel the outside area looking for one or more. Funny though,  
> if there is underwater connections, it should show as water forcing up in  
> the pond when the waves crash in. At least I think that would happen.

>  
> This is all very strange. And a little fun and exciting. We all like a  
> "mystery." Let me know how the phone call goes. Aloha, George

\*\*\*\*\*  
\*\*\*\*\*

> ----- Forwarded message -----

> Date: Fri, 3 Oct 1997 09:06:30 -1000  
> From: Leon Hallacher <leonh@hawaii.edu>  
> To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>  
> Subject: FW Turtles

>  
> George,

> Larson spent all day down there yesterday looking for turtles in  
> the freshwater pond without seeing squat. At the same time, reliable  
> people have sighted turtles in the pond (Kahiapo, Dudley). I hypothesize

> that turtles do indeed get into the pond, but that they are NOT trapped  
> there. When a turtle happens to be in the pond, people see it. After it  
> (they) leave the pond, people do not see turtles in the pond no matter how  
> hard or long they look for turtles. I think we have a giant nonproblem  
> here. Do I have your permission to pass my hypothesis along to Kahiapo and  
> Katahira? Leon



Date: Fri, 3 Oct 1997 09:06:30 -1000  
From: Leon Hallacher <leonh@hawaii.edu>  
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>  
Subject: FW Turtles

*KUNAWA  
Bede*

George,

Larson spent all day down there yesterday looking for turtles in the freshwater pond without seeing squat. At the same time, reliable people have sighted turtles in the pond (Kahiapo, Dudley). I hypothesize that turtles do indeed get into the pond, but that they are NOT trapped there. When a turtle happens to be in the pond, people see it. After it (they) leave the pond, people do not see turtles in the pond no matter how hard or long they look for turtles. I think we have a giant nonproblem here. Do I have your permission to pass my hypothesis along to Kahiapo and Katahira? Leon

Date: Tue, 9 Dec 1997 11:04:47 -1000  
From: "Brent \"Wingnut\" Larsen" <larcen@hawaii.edu>  
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>  
Cc: Denise Ellis3 <dellis@honlab.nmfs.hawaii.edu>,  
Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>,  
Leon Hallacher <leonh@hawaii.edu>, Walter Dudley <Dudley@hawaii.edu>,  
Bill Gilmartin <jarman@aloha.net>,  
Rhey Castillo <rhey.castillo@noaa.gov>,  
Shandell Eames <shandell.eames@noaa.gov>  
Subject: Re: Turtle or turtles in pond at Punaluu (Ninole), Kau, Big Island

Dear George,

On Sunday, December 7th, 1997, I went to Punalu'u and looked for the newly radio tagged turtle. I arrived at 9:00 am and stayed until 4:00 pm. The turtle was no where to be found, and he did not crawl up on the beach. I will return sometime next week, I have filed my hours.

Thank You  
Brent

Date: Thu, 29 Jan 1998 09:05:12 -1000  
From: "Brent \"Wingnut\" Larsen" <larcen@hawaii.edu>  
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>  
Subject: Re: Turtle or turtles in pond at Punaluu (Ninole), Kau, Big Island

*reduced*

I have been monitoring that pond to and I have not seen any signs of turtles inhabiting it. The sign is still there, but I have to tell you that it isn't being read. I still see turtles getting harrassed on the beach when they come out to bask.

Date: Wed, 4 Feb 1998 12:09:20 -1000  
From: "Brent \"Wingnut\" Larsen" <larcen@hawaii.edu>  
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>  
Cc: Denise Ellis3 <dellis@honlab.nmfs.hawaii.edu>,  
Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>,  
Leon Hallacher <leonh@hawaii.edu>, Walter Dudley <Dudley@hawaii.edu>,  
Bill Gilmartin <jarman@aloha.net>,  
Rhey Castillo <rhey.castillo@noaa.gov>,  
Shandell Eames <shandell.eames@noaa.gov>  
Subject: Re: Turtle or turtles in pond at Punaluu (Ninole), Kau, Big Island

*reduced*

George,

My appologies that I will not be turtle tagging with you  
This E-mail is to notify you that I have narrowed down the area as to where you are most likely to see the newly tagged male turtle.  
Your best bet is to stand out of the ledge where we did the night dive last time. I have seen the biggest turtles in that area. If you walk down the road to the freshwater pond, you have gone to far. I have eliminated that area from possible sites. The turtles that inhabit that area are not one of the possibilities. I have not had visual conformation of the radio tag but from observing head size, flipper size and shell size I think that turtle is normally "hanging out" in front of that ledge that we stood on when we did the last night expedition.

I am also mailing you a map if this E-mail makes no sense.

PUNAWO  
#41

GB + Barry Kruger  
from Barbados.

TUES.

1999 FEBRUARY

Wednesday

16					17				
R 7:01am S 6:30pm					R 7:27am S 7:19pm				
R 7:01am S 6:30pm					R 8:12am S 8:18pm				
6	9	NOON	3	6	6	9	NOON	3	6
H 4:26 2.2 AM L 11:12 0.0					H 4:38 1.1 PM L 10:14 -1				
H 5:01 2.1 AM L 11:45 0.0					H 5:25 1.2 PM L 11:02 0.0				

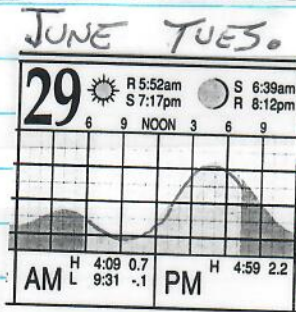
Recovered TSP Turtle hauled  
out by pavillion at night, worn.  
W.C. sought retrieve data not  
refurbish.

5:45 PM Hawaiian Hilo → Honolulu

Turtle in tidal area by composite -  
Casper saw it crawl out at low  
tide.

Bill Walsh <sup>light</sup> NATIONAL Ocean <sup>line</sup>  
HILO AIRPORT 935-0891 <sup>Turtle</sup>  
General LYMAN FIELD  
HILO, H.I. 96720 <sup>Johnnie</sup>  
HAWAII

29 JUNE 99 Punaluu #42  
TUES. Depart 6:35 am Pz. 404 TO Hilo  
we Casey ONSET loggers for C. KATAHIRA  
Moto help Hawkhill beach Temp. +30 min. =  
Dense 165 days.  
Drove to Punaluu seawater.



8:45 PM Same time as Leon  
Walt & first student group. Day trip only. Daughters of  
Pele Havaoa set up w/ Hawaiian immersion students  
in large pavilion. 3 basking <sup>cont</sup> on beach near boat  
ramp, one on rocks.  
C. KATAHIRA's group arrived. 2 loggers <sup>line</sup> w/ 45 cm  
to him - one for Kanehane sand only, one for  
Apua sand only. + 1 logger no line  
to put w/ eggs at Kanehane.

#42 Punaluu 29 June 99  
(Leon's Summer class)

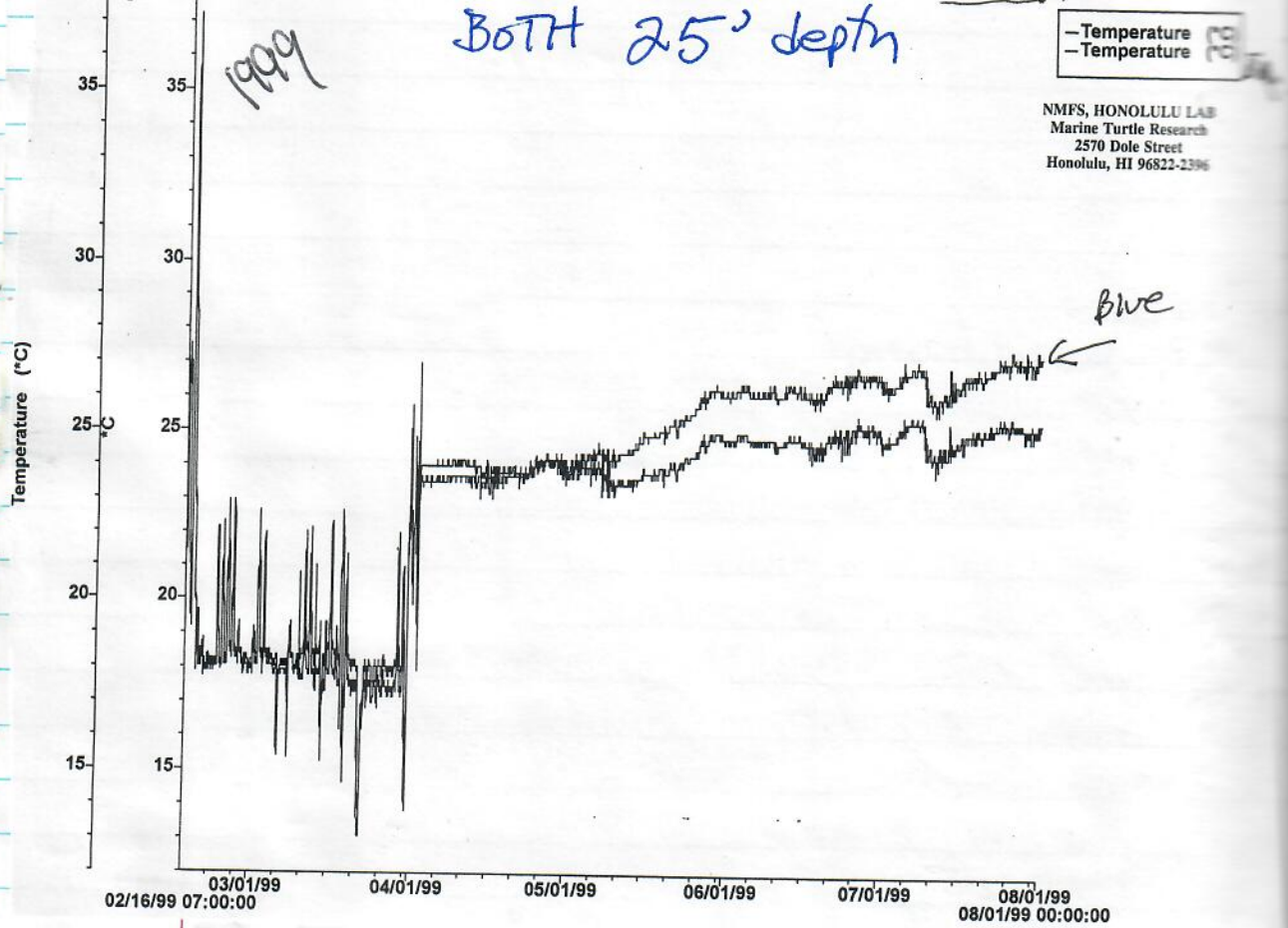
Concern about closing beach road  
Hanaa group wants it closed.

large animal carrier used for table  
to work up turtles.

one turtle with #1 each eye - not there a  
year ago. leeches jaw hinges removed.

See P. 110 sep p. 113

Hilo Bay, Lileiwi deployed by Lisa Wedding UW census project #181185 (black) #144069 (blue)



depart Aloha Pt. 47 6:35 PM.

DATE, LOCATION AND METHOD:

PUNALUW 7/14/98 Hand Snorkel  
PERSON RECORDING DATA: Phoebe Evans

OLD TAGS: Q256 NEW TAGS: RFL 407A3D3836  
Q257 LFL  
Q258 OTHER NEW TAGS:  
Q259

STRAIGHT CARAPACE-LENGTH: 65.2 WIDTH: 50.8

NOTCH LENGTH: 64.8 DB: L.O. VB: L.C.

CURVED CARAPACE LENGTH: 70.5 WIDTH: 62

HEAD WIDTH: 10.5 SEX: MALE, FEMALE OR UNDETERMINED U

PPS: YES OR NO OR NE Y

TAIL LENGTH: T 7 C

RIGHT FRONT FLIPPER WIDTH: 11.2 SAMPLES COLLECTED

PLASTRON LENGTH: 51.9

WEIGHT: 85 lbs.

DESCRIPTIVE REMARKS:

Suspicious bumps both jaw hinges

11.25 mm 0.17"

2 CAPTURE DATE, LOCATION AND METHOD:

PUNALUW 7-14-78 Hand Snorkel  
PERSON RECORDING DATA: Myra Anderson

OLD TAGS: 4055 NEW TAGS: RFL  
4056 LFL  
4057 OTHER NEW TAGS: 4077525E0E  
4058

STRAIGHT CARAPACE-LENGTH: 61.1 WIDTH: 47.7

NOTCH LENGTH: 60.8 DB: L.O. VB: L.C.

CURVED CARAPACE LENGTH: 65.5 WIDTH: 57.0

HEAD WIDTH: 9.7 SEX: MALE, FEMALE OR UNDETERMINED U

PPS: YES OR NO OR NE yes

TAIL LENGTH: T 13 C 11

RIGHT FRONT FLIPPER WIDTH: 10.0 SAMPLES COLLECTED

PLASTRON LENGTH: 47.4

WEIGHT: 71 lbs.

DESCRIPTIVE REMARKS:

o.p.c. in mouth

CAPTURE DATE, LOCATION AND METHOD:

7/15/98 Hand Snorkel / #1  
PERSON RECORDING DATA: Shawn Chew Punaluu

OLD TAGS:

K273  
K272  
K274  
B19

TUMOR SCORE

0

NEW TAGS:

407D313901

LFF

OTHER NEW TAGS:



STRAIGHT CARAPACE-LENGTH:

61.0

WIDTH:

46.8

NOTCH LENGTH:

61.0

DB:

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH:

66.0

WIDTH:

61.0

HEAD WIDTH:

9.8

SEX:

MALE, FEMALE OR UNDETERMINED

U

PPS: YES OR NO OR NE

Y

TAIL LENGTH: T

11.5

C

11.0

RIGHT FRONT FLIPPER WIDTH:

10.5

SAMPLES COLLECTED:

PLASTRON LENGTH:

49.1

WEIGHT:

70

DESCRIPTIVE REMARKS:

PA

CAPTURE DATE, LOCATION AND METHOD:

7/15/98 Hand Snorkel #2  
PERSON RECORDING DATA: Shawn Chew Punaluu

OLD TAGS:

R594  
R595  
JH2H  
R596

TUMOR SCORE

0

NEW TAGS:

407D0F0444

LFF

OTHER NEW TAGS:



STRAIGHT CARAPACE-LENGTH:

60.4

WIDTH:

47.5

NOTCH LENGTH:

60.4

DB:

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH:

64.5

WIDTH:

57

HEAD WIDTH:

9.2

SEX:

MALE, FEMALE OR UNDETERMINED

U

PPS: YES OR NO OR NE

Y

TAIL LENGTH: T

12.0

C

8.5

RIGHT FRONT FLIPPER WIDTH:

10.2

SAMPLES COLLECTED:

PLASTRON LENGTH:

48.2

WEIGHT:

56

DESCRIPTIVE REMARKS:

Pterocladia capillacea  
in mouth

CAPTURE DATE, LOCATION AND METHOD:

7/15/98 Hand/Sporked #3  
PERSON RECORDING DATA: Shawn Chew Punalu'u

OLD TAGS:

H916  
H917  
H915  
K529

NEW TAGS:

LAF

407A510A52



TUMOR SCORE

1

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH:

66.2

WIDTH:

52.2

NOTCH LENGTH:

66.2

DB:

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH:

72.5

WIDTH:

64.0

HEAD WIDTH:

10.9

SEX:

MALE, FEMALE OR UNDETERMINED

U

PPS: YES OR NO OR NE

Y

SEX:

MALE, FEMALE OR UNDETERMINED

U

TAIL LENGTH: T

15.5

C

11.0

RIGHT FRONT FLIPPER WIDTH:

12.4

SAMPLES COLLECTED:

PLASTRON LENGTH:

50.0

WEIGHT:

86.0

DESCRIPTIVE REMARKS:

Pat. in mouth  
Previous Fibropath posterior carapace.  
2-#1's R/H 1-#1 Left eye  
1-#1 L/H  
Smooth But ulcerated

CAPTURE DATE, LOCATION AND METHOD:

7/15/98 Hand/Sporked #4  
PERSON RECORDING DATA: Shawn Chew Punalu'u

OLD TAGS:

V-536  
V-537  
V-538  
K493

NEW TAGS:

LAF

407D273906



TUMOR SCORE

0

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH:

67.8

WIDTH:

53.4

NOTCH LENGTH:

67.5

DB:

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH:

73

WIDTH:

67.5

HEAD WIDTH:

10.7

SEX:

MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

yes

TAIL LENGTH: T

14.5

C

10

RIGHT FRONT FLIPPER WIDTH:

11.6

SAMPLES COLLECTED:

PLASTRON LENGTH:

51.4

WEIGHT:

82

DESCRIPTIVE REMARKS:

Suspicious bump  
Left jaw hinge

CAPTURE DATE, LOCATION AND METHOD: #5

7/15/98 Punaluu hand snorkel

PERSON RECORDING DATA: Agum Clary

OLD TAGS:

J422  
J423  
J421  
J420

NEW TAGS:

LFF

TUMOR SCORE

0



407A444744A

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 66.4

WIDTH: 51.9

NOTCH LENGTH: 66.2

L.O.

DB: 73

VB: L.C

CURVED CARAPACE LENGTH: 73

WIDTH: 64.5

HEAD WIDTH: 9.5

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE Yes

TAIL LENGTH: T 15

C

10

RIGHT FRONT FLIPPER WIDTH: 12.1

SAMPLES COLLECTED:

PLASTRON LENGTH: 53.4

WEIGHT: 99

DESCRIPTIVE REMARKS:

Left front flipper 1/3 missing and beaded

4.3cc LIQ

Formaldehyde mouth

CAPTURE DATE, LOCATION AND METHOD: #6

7/15/98 Punaluu hand snorkel

PERSON RECORDING DATA:

OLD TAGS:

K578 RH  
F11 LH

NEW TAGS: RFL

LFL

TUMOR SCORE

0

OTHER NEW TAGS: LFF

407D0A0046



STRAIGHT CARAPACE-LENGTH: 68.2

WIDTH: 53.1

NOTCH LENGTH: 68.1

L.O.

DB: 73

VB: L.C

CURVED CARAPACE LENGTH: 73

WIDTH: 66

HEAD WIDTH: 10.7

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE Yes

TAIL LENGTH: T 14

C

9.5

RIGHT FRONT FLIPPER WIDTH: 12.1

SAMPLES COLLECTED:

PLASTRON LENGTH: 53.6

WEIGHT: 87

DESCRIPTIVE REMARKS:

Tag loss, headed slit - RFL, LFL  
4.3cc LIQ



CAPTURE DATE, LOCATION AND METHOD: #7

7/15/98 Panama head snatched

PERSON RECORDING DATA: Ajim Clary

OLD TAGS: H191 RFL  
 TUNOR SCORE: J415  
 0

NEW TAGS: RFL  
 LFL

OTHER NEW TAGS: H193  
 H192

4077472B47

STRAIGHT CARAPACE-LENGTH: 58.1 WIDTH: 47.2

NOTCH LENGTH: 57.8 DB: L.O. VB: L.C

CURVED CARAPACE LENGTH: 63 WIDTH: 57

HEAD WIDTH: 9.2

PPS: YES OR NO OR NE Yes

SEX: MALE, FEMALE OR UNDETERMINED

TAIL LENGTH: T 12 C 8

RIGHT FRONT FLIPPER WIDTH: 10.7 SAMPLES COLLECTED

PLASTRON LENGTH: 44.3

WEIGHT: 64

DESCRIPTIVE REMARKS:

RFL H191 tag embedded and removed  
 PC in mouth  
 3cc LIQ  
 R. Plastron 6" diameter  
 healed area - w/dark pigment.

Right Rorsal FF off bone  
 Neoplastic mass - fracture.

CAPTURE DATE, LOCATION AND METHOD: #8

7/15/98 Hand snatched  
 PERSON RECORDING DATA: Arati Clary/Pamela'n

OLD TAGS: Q265  
 TUNOR SCORE: Q264  
 0

NEW TAGS: RFL  
 LFL

OTHER NEW TAGS: LFF  
 Q266

4077552C41

STRAIGHT CARAPACE-LENGTH: 56.58.9 WIDTH: 48.9

NOTCH LENGTH: 58.5 DB: L.O. VB: L.C

CURVED CARAPACE LENGTH: 63 WIDTH: 56.5

HEAD WIDTH: 8.9

PPS: YES OR NO OR NE yep

SEX: MALE, FEMALE OR UNDETERMINED

TAIL LENGTH: T 13.5 C 9.5

RIGHT FRONT FLIPPER WIDTH: 10.9 SAMPLES COLLECTED

PLASTRON LENGTH: 44.5

WEIGHT: 62

DESCRIPTIVE REMARKS:

PC in mouth  
 3cc LIQ

CAPTURE DATE, LOCATION AND METHOD: #9

7/15/98 Punaluu Hand /  
PERSON RECORDING DATA: ~~Marine Meyer~~ *Hand / Sorted*

PERSON RECORDING DATA: ~~Marine Meyer~~ *Hand / Sorted*

OLD TAGS:  NEW TAGS: RFL  LFL

TUMOR SCORE  OTHER NEW TAGS: LFL

4077315832

STRAIGHT CARAPACE-LENGTH:  WIDTH:  L.C.

NOTCH LENGTH:  DB:  L.O.  VB:

CURVED CARAPACE LENGTH:  WIDTH:

HEAD WIDTH:  SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE    C

TAIL LENGTH: T

RIGHT FRONT FLIPPER WIDTH:  SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

*PC in the mouth*

#10

CAPTURE DATE, LOCATION AND METHOD:

7/15/98 Punaluu Hand /  
PERSON RECORDING DATA: *Arabi Clary Sorted*

PERSON RECORDING DATA: *Arabi Clary Sorted*

OLD TAGS:  NEW TAGS: LFL

TUMOR SCORE  OTHER NEW TAGS:

4077311717

STRAIGHT CARAPACE-LENGTH:  WIDTH:  L.C.

NOTCH LENGTH:  DB:  L.O.  VB:

CURVED CARAPACE LENGTH:  WIDTH:

HEAD WIDTH:  SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE    C

TAIL LENGTH: T

RIGHT FRONT FLIPPER WIDTH:  SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

*PC in mouth*

CAPTURE DATE, LOCATION AND METHOD:

#9

7/15/98 Punaluu Hand /  
PERSON RECORDING DATA: Wornie Meyer Sorted

OLD TAGS:

163Z  
162Z  
160Z  
161Z

NEW TAGS: REF  
LFL

TUMOR SCORE

0

OTHER NEW TAGS: LFF

4077315B32



STRAIGHT CARAPACE-LENGTH:

54.2

WIDTH:

44.4

NOTCH LENGTH:

—

DB:

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH:

58

WIDTH:

52.5

HEAD WIDTH:

8.8

SEX:

MALE, FEMALE OR  
UNDETERMINED

U

PPS: YES OR NO OR NE

yes

TAIL LENGTH:

12

T

C

8

RIGHT FRONT FLIPPER WIDTH:

9.7

SAMPLES COLLECTED:

PLASTRON LENGTH:

41.3

WEIGHT:

50 lbs.

DESCRIPTIVE REMARKS:

PC in the mouth

CAPTURE DATE, LOCATION AND METHOD:

#10

7/15/98 Punaluu Hand /  
PERSON RECORDING DATA: Arabi Clary Sorted

OLD TAGS:

J460  
J461  
J458  
J459

NEW TAGS:

LFF

TUMOR SCORE

0

OTHER NEW TAGS:

4077311717



STRAIGHT CARAPACE-LENGTH:

70.6

WIDTH:

56.3

NOTCH LENGTH:

70.5

DB:

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH:

75.5

WIDTH:

71.5

HEAD WIDTH:

10.8

SEX:

MALE, FEMALE OR  
UNDETERMINED

PPS: YES OR NO OR NE

yes

TAIL LENGTH:

19

T

C

13

RIGHT FRONT FLIPPER WIDTH:

12.7

SAMPLES COLLECTED:

PLASTRON LENGTH:

54.4

WEIGHT:

115

DESCRIPTIVE REMARKS:

PC in mouth

CAPTURE DATE, LOCATION AND METHOD:

#11

7/15/98 Punalu'u Hand / PERSON RECORDING DATA: Anahi Clary Smorkel

OLD TAGS:

J 462  
R 86  
R 85  
R 84

NEW TAGS:

LF

40774D1A29



TUMOR SCORE

0

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 58.3

WIDTH: 49.5

NOTCH LENGTH: 58.1

DB: [ ]

L.O. [ ]

VB: [ ]

L.C. [ ]

CURVED CARAPACE LENGTH: 62.5

WIDTH: 58

HEAD WIDTH: 9.1

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE 2/0

TAIL LENGTH: T 13.5

C [ ]

RIGHT FRONT FLIPPER WIDTH: 10.6

SAMPLES COLLECTED [ ]

PLASTRON LENGTH: 48.6

WEIGHT: 66

DESCRIPTIVE REMARKS:

pc in mouth  
R JAW ventral  
external dem x 1cm high  
mass under the  
SKIN. Bone involved?

CAPTURE DATE, LOCATION AND METHOD:

#12

7/15/98 Punalu'u Hand / PERSON RECORDING DATA: Anahi Clary Smorkel

OLD TAGS:

Q 251  
Q 225  
Q 224  
Q 223

NEW TAGS:

LF

407D386103



TUMOR SCORE

0

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 58.3

WIDTH: 45.2

NOTCH LENGTH: 58.0

DB: [ ]

L.O. [ ]

VB: [ ]

L.C. [ ]

CURVED CARAPACE LENGTH: 63

WIDTH: 56

HEAD WIDTH: 9.3

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE 2/0

TAIL LENGTH: T 12.5

C [ ]

RIGHT FRONT FLIPPER WIDTH: 11.0

SAMPLES COLLECTED [ ]

PLASTRON LENGTH: 46.1

WEIGHT: 60

DESCRIPTIVE REMARKS:

PRINT on mouth  
Punaohole # 16

CAPTURE DATE, LOCATION AND METHOD:

#13

7/15/98 Punaluu Hand/  
PERSON RECORDING DATA: Crati Clary SW

OLD TAGS:

B8  
R68  
R66  
R67

NEW TAGS:

LFF

TUMOR SCORE

0

OTHER NEW TAGS:

407A45487F



STRAIGHT CARAPACE-LENGTH:

52.7

WIDTH:

42.1

NOTCH LENGTH:

52.7

L.O.

L.C

CURVED CARAPACE LENGTH:

56.5

WIDTH:

50

HEAD WIDTH:

8.5

SEX: MALE, FEMALE OR

UNDETERMINED

PPS: YES OR NO OR NE

yes

TAIL LENGTH:

10

T

7

C

RIGHT FRONT FLIPPER WIDTH:

9.4

SAMPLES COLLECTED

PLASTRON LENGTH:

41.2

WEIGHT:

45

DESCRIPTIVE REMARKS:

DC in mouth  
2.3 cc L1A

CAPTURE DATE, LOCATION AND METHOD:

#14

7/15/98 Punaluu Hand/  
PERSON RECORDING DATA: Crati Clary, Inokel

OLD TAGS:

F14  
I452  
F13  
F12

NEW TAGS:

LFF

TUMOR SCORE

0

OTHER NEW TAGS:

407A40351C



STRAIGHT CARAPACE-LENGTH:

71.5

WIDTH:

53.3

NOTCH LENGTH:

70

DB:

L.O.

VB:

L.C

CURVED CARAPACE LENGTH:

76

WIDTH:

67

HEAD WIDTH:

10.7

SEX: MALE, FEMALE OR

UNDETERMINED

PPS: YES OR NO OR NE

yes

TAIL LENGTH:

18

T

C

13

RIGHT FRONT FLIPPER WIDTH:

12.3

SAMPLES COLLECTED

PLASTRON LENGTH:

54.9

WEIGHT:

95

DESCRIPTIVE REMARKS:

4.9 cc L1A

CAPTURE DATE, LOCATION AND METHOD:

#15

7/15/98 Punaluu Hand /  
PERSON RECORDING DATA: Orabi Classy Snorkel

OLD TAGS:

K531  
F7  
F8  
FC

NEW TAGS

407A2E5F5E  
LFF

TUMOR SCORE

0

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 63.7

WIDTH: 49.7

NOTCH LENGTH: 63.4

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH: 68.5

WIDTH: 63.5

HEAD WIDTH: 9.7

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

no

TAIL LENGTH: T

13

C

9

RIGHT FRONT FLIPPER WIDTH: 12.9

SAMPLES COLLECTED

PLASTRON LENGTH: 49.7

WEIGHT: 81

DESCRIPTIVE REMARKS:

PC in mouth  
9 teeth removed from jaw hinges.  
Photo #19  
3.6cc L1A  
Fibrotic tissue in both jaw hinges

CAPTURE DATE, LOCATION AND METHOD:

#16

7/15/98 Punaluu Hand /  
PERSON RECORDING DATA: Orabi Classy Snorkel

OLD TAGS:

N540  
N541  
K587  
N542

NEW TAGS

407A38125F

LFF

TUMOR SCORE

0

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 70.2

WIDTH: 56.3

NOTCH LENGTH: 70.2

DB:

L.O.

VB:

L.C.

CURVED CARAPACE LENGTH: 76

WIDTH: 73

HEAD WIDTH: 11.2

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

yes

TAIL LENGTH: T

15.5

C

11

RIGHT FRONT FLIPPER WIDTH: 13.4

SAMPLES COLLECTED

PLASTRON LENGTH: 55.4

WEIGHT: 120

DESCRIPTIVE REMARKS:

P.C. in mouth,  
Suspicious bumps  
both jaw hinges