

MOLOKAI 7-9 July 98
MOLOKAI 5-9 July 99
MOLOKAI 23-26 July 2002 (Full Moon)



BALAZS

MOLOKAI

1998-1999

2002

7/7/98 - 7/9/98 Page 4-25 Captures = 50 (3 days)
(w/ tumors = 25 = 50%)

7/5/99 - 7/9/99 Page 31 ^{QUESTIONS} Captures = 90
(w/ tumors = 34) (5 days)

NO TRIPS TO MOLOKAI Year 2000 or
Year 2001

7/23 -
TUESDAY

7/26/2002
FRIDAY

Narrative → DATA P. 33-39
84
East of HARBOR
N 21° 05.39'
W 157° 05.671'

SITE A
FIRST SITE WEST OF HARBOR
N 21° 05.584'
W 157° 06.163'

N 21° 05.579'
W 157° 07.047'

(2 sites west of Harbor) (8 TIMES)

Based on 73 Bullpen captures

22% TMS

N=16
9 (56%)
4 (25%)
3 (19%)

TOTAL = 73 + 8
(TMS = 46)
81 TOTAL

coral head all TMS

TAG Recoveries = 12 (15%)

- 4 pit tags only (1 is tumor)
- 6 in coral only (1 is tumor)
- 1 plastic + in coral only (not tumor)
- 1 PIT + in coral (not tumor)

DINA Potter Box 36 Kualapuu 96757

DAWN NG HC-01 Box 228 Kaimakahi
96748

Hotel Molokai
(808) 553-5347
FAX 553-5047
www.hotelmolokai.com

Need -
X - Dawn mail p. 78
X - fishing sites alpha bet
- kabbie
- Danielle
- IVA, Ayla, DINA PSI
- Irene email to Sue JIN
- Data to Bill & T.W. SJ?

1 3

Flight

DARKINE
Car Rental
553-3880

984

The 20 who perished

The 20 people who died in the Oct. 28, 1989, crash of Aloha Island Air Flight 1712 were:
➤ John Iino, 39, Molokai High School athletic director.
➤ Odetta Reyes Rapanot, 32, Molokai High School girls volleyball coach.
➤ Lea Dunham, 17, Molokai High School senior.
➤ Leilani Ahina, 16, Molokai High School junior.
➤ Nanceen "Kaipo" Mahial, 15, Molokai High School sophomore.
➤ Natalie Helm, 15, Molokai High School sophomore.
➤ Aloma Spencer, 15, Molokai High School sophomore.
➤ Testa "Travis" Ku, 15, Molokai High School sophomore.
➤ Jared Ella, 14, Molokai High School freshman.
➤ Jovencio Ruiz, 14, Molokai High School freshman.
➤ Colette Loke Kekalia, 26, who had been on Maui for medical treatment.
➤ Rodrigo "Rudy" Senica, 33, who had been working on Maui but had relatives on Molokai.
➤ Nancy Pierce, 37, a supervisor at Haleakala National Park who was married to the superintendent of the national park at Kalaupapa.
➤ Hank Gabriel of Kihai, who was flying to Molokai to inspect a condominium he owned.
➤ Peter and Elizabeth Wiley of Pennsylvania.
➤ John and Christina Craig of Texas.
➤ Capt. Bruce Pollard, 30, from Oahu.
➤ 1st Officer Phil Helfrich, 27, from Oahu.

~~vet~~

Day 4 7/26/02 Pickup =
Pages 90, 92, 94, 98, 118, 119, 120,
121, 122, and 123

Day 3 7/25/02 =
pages 99, 100, 101, 38

Day 2 7/24/02 =
page 95, 97

Day 1 7/23/02 = pages 85, 91, 93

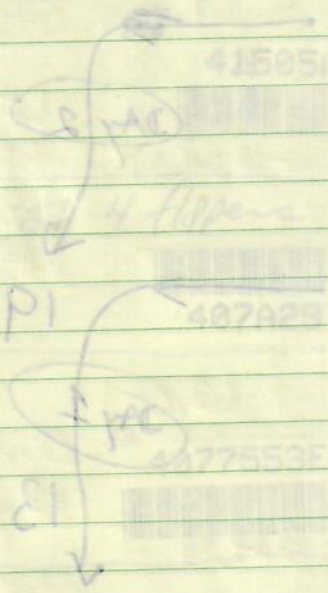
13 Nov ED's Birthday

AyLA teacher - Mr. JOHN VAN ORNUM
Molokai High &
Intermediate
P.O. Box 258
HOOLETTUA 96729

MHIS 567-6950 FAX 567-6960
Home 567-9079

7 July 98 540AM ISLAND AIR (GMB) to
TUEBY Molokai, T. Work & Bob Ramseyer 615am flight

9 July 98 ~~Depart for Honolulu~~
Thurs day ~~School~~ ~~Hawaii~~ ~~tufts, MA Univ. vel~~



(3) 1/2
(4) 1/2
(5) 1/2
(1) 1/2

need - DATA
 - Copies TO Bill
 - CT write instructions

4

1998

JULY 98 (1) DAY 1 (2) DAY 3 (3)

6	R 5:56am S 7:18pm NOON 3	S 8:33am R 4:55pm	H 1:21 0.8 L 7:15 -0.1	AM	H 2:44 2.0 L 9:47 0.4	PM	6
7	R 5:55am S 7:17pm NOON 3	S 4:19am R 5:48pm	H 2:08 0.8 L 7:51 -0.1	AM	H 3:19 2.2 L 10:24 0.3	PM	7
8	R 5:56am S 7:17pm NOON 3	S 5:10am R 6:42pm	H 2:53 0.8 L 8:29 -0.1	AM	H 9:54 2.3 L 11:01 0.2	PM	8
9	R 5:56am S 7:17pm NOON 3	S 6:04am R 7:34pm	H 3:38 0.8 L 9:08 -0.1	AM	H 4:30 2.3 L 11:38 0.2	PM	9
10	R 5:56am S 7:17pm NOON 3	S 7:01am R 8:29pm	H 4:26 0.8 L 9:49 -0.1	AM	H 5:08 2.3 L 11:38 0.2	PM	10

Faint handwritten notes and diagrams at the top of the page, including "DATA" and "Copies TO Bill".

DAY 3 18

8 TMR
(3 Rec)

10 Clean
(4 Rec) = 7

DAY 2

12 TMR
(3 Rec)

7 Clean
(2 Rec) = 5

DAY 1

5 TMR

8 Clean
(1 Rec) = 1

50 TOTAL
18 Recoveries
(2690)

25 TMR
(6 REC)
(5090)
2490

25 Clean
(7 REC)
(2890) (13)

SCORES = ① 9 3690
 ② 9 3690
 ③ 7 = 25 2890

7/7/98 DAY 1
SITE = B
GPS = 21° 05.643' N 157° 06.592' W
PALAU, MOLOKAI 5

① 56.7 x 55.8 (notch) x 43.7 (SL)
60.0 x 52.0 (CCL)
3.1 ml LIG
407A3D4B25
Left Front Flipper?

Blood by T. Work for plasma banking
and hematology (all turtles Days 1-3)
and RBC for DNA.

② Recovery
LF V768
RF V769
84.0 x 76.0 (curve)
77.9 x 77.7 (notch) x 61.3 (straight)
5.5 ml LIG
LH ~ 1/3 missing - RH 1/4 missing
healed healed
Suspicious bump on Right eye (posterior)

2.5 cc LIG
③ 56.5 x 48.0
53.0 x 52.4 x 40.6
41505A706E

0.7 cc LIG Traced all 4 flippers
④ 44.0 x 38.0
41.6 x 41.4 x 32.6
407A297A1B

2.5 cc LIG
⑤ 58.5 x 50.0
53.3 x 53.1 x 41.6
4077553E0B

5.5 cc LIG
⑥ 81.0 x 74.0
75.3 x 75.1 x 59.4
407A2D5648
RH 1/8 missing & healed

6

7/7/98 DAY 1 Pick up SITE = B

2.5 Lig

(7) 57.0 x 47.0
53.3 x 52.6 x 39.7



(8) 58.3 x 58.1 x 45.9
62.0 x 55.0

3.1 cc Lig



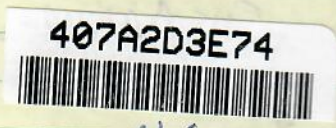
Leye #2(1) RFF #2(1) hinge
Reye #1(3) Ljaw #1(1) small
RH #2(1)

Score = 1

Most tumors "Smooth"

4.3 Lig

(9) 71.5 x 63.0
67.3 x 67.1 x 54.2



Leye #3(1) mildly emaciated
Reye #2(2) LF1 #3(3)
HINGE - Ljaw #2(1) RF #2(1)
Likely RH #3(1) #2(1)
Blind in LH #3(2)
Both eyes

Score = 3

4.3 Lig

(10) 72.5 x 62.0
66.0 x 65.8 x 50.6
HINGE - Rjaw #1(2) Reye #1(1)
Ljaw #2(1) Neck #3(3)



Score = 2

7/7/98 Day 1 Pickup SITE=B

(11)

3.1 LIG
64.0 x 55.0
59.4 x 59.1 x 45.2



(12)

2.5 LIG
56.0 x 48.0
52.4 x 51.9 x 42.5



Reye #1 (1) #2 (1)
Leye #1 (1)
neck #2 (1)
RH #2 (1)

SCORE = 1

(13)

3.1 LIG
62.5 x 53.0
58.6 x 58.3 x 44.6



RFF #3 (1) #4 (1)
NECK #2 (1)
Reye #1 (1)
Leye #1 (1)

Score = 2

ADULT LEECHES.

END DAY 1

13 Turtles

(1 Recovery)
(5 TMR, 8 NO TMR)

Score 1 - 2
2 - 2
3 - 1

5

We're ba..a..aa..aa.aack!!!!

CHRISTMAS 2001

Betcha were all wondering what happened to us? Well.... it's been hard trying to write to everyone again because we first have to tell you something sad. December 21, 1999, Eddie's dad lost his battle with cancer - and our dear friend, Alice McDaniel, had a heart attack - both leaving us on the same day, going off to eternal life together with their Lord and friend Jesus. Life without them is definitely not the same, but thankfully the love they blessed us with lives on. Our grandson Kekoa was not yet 2 when Pop left us, but he still remembers him - the other day he called his "PapaMoke" (that's what he calls Eddie!) just to tell him "Popo is up in heaven. I just called to make sure you know that".

Ok, kleenex run, sorry about that.....



Eddie finally has come home to stay!!!! Praise God!! He came home August 13th, 1999 to become the CEO of Global Medical Transcription, an Internet company that has a distance learning site for medical transcription. He's also the CEO of Pacific Island TeleServices, runs a call center for Maui Visitors Bureau & Molokai Visitors Association, and as of October, runs the only homegrown Internet service provider on Molokai - mobettah.net!! "Going online? MOBETTAH is DA KINE!!" Too cool!! Yes, as always, he's a busy guy! The best part? He's here on Molokai! His office is right on the beach - poor dear has to stare at all those lovely sunsets & coconut trees every day!! We are deliriously happy to be US again and have vowed never never to do that commute thing again (ok, unless God says so!)

More good news!! Joey & Renee had our cute little granddaughter (above photo with doting grandparents!!) on May 7th, this year! Kaila Christine. And so far, she still has light hair & BLUE eyes! Wow! Caught a few recessive genes, I'd say!! Oh my, I just realized I didn't tell you that Joey & Renee GOT MARRIED!!! December 5th, 1999! YAY!! It was sweet & Pop got to be there too. AND, our first Grandson, Kekoa, will be 4 years old in January - he's sooooo cute & is turning out to be a GREAT Big Brother! So our little family is finally growing!

NOT FOR
DPS
Released
Hawes

Day 2 pickup (same as day 1)
7/8/98 GPS - 21° 05.643'⁹
SITE = B 157° 06.592'

① 4.9cc lig
72.2 x 72.0 x 53.8
78.0 x 67.0



glottis #2(1)
Leye #1(1)

SCORE = 1

② 4.9cc lig
73.5 x 73.1 x 58.4
78.5 x 68.0



Recovery

RFL 10954
LFL 10953

RFL #1(1) @ close to tag site
Leye #1(1)
LFL #2(1) @ base

Left neck = tumor patch (preexisting?)
suspect glottis

SCORE = 2

③ 4.9cc lig
71.6 x 71.6 x 55.2
78.5 x 71.0



eye #1(1) eye #1(1)
RFL base ventral #3(1)

rt jaw hinge = adult leech

covered with normal skin
covered w/ normal skin

④ 4.9cc lig
74.6 x 74.5 x 57.8
81.0 x 72.0

LF = Y812 RFL = Y811
22070557557 - PIT TAG

Recovery

Yes, and so is the critter population! Two very pretty fuzzy brown & orange kitties showed up on our doorstep & decided to stay - Pikachu & Teeta. Well, in 2 years, we've actually had too many animals coming & going to name, so we'll just stop here! Let's just say Heaven will be a little fuller (and furrrier!) now..... (heavy sigh.....) Scoopy, the Reigning Queen Cat, has decided she'd rather live with Uncle Mike over in the back house where she doesn't have to put up with all the riff-raff at our place! Harumph!! AND Uncle Mike lets her eat people food, sleep on the bed AND have all the mice she can catch!! And yes, Capone is still Lead Dog in the pack & spoiled rotten - gets a daily ration of cat food for good behavior - & sneaks in the house now & won't look at you when he gets caught trying to sneak on the sofa. ("If I don't look at them, they can't see me!")

Here's a joke from Kekoa: What did one termite say to the other termite? "Hey Brah, we go eat my house!!" Haha. that is Joey's son all right!!

Well, that's it for now - sorry for the long silence - we still love you!! And just in case you're a little weary from all the seasonal festivities, remember, "I can do ALL things through Christ who strengthens me!!" Yeah!!

WITH LOTS OF LOVE + HUGS,
 ERIN + DI

SCOOOPY
 WALUMPA

BLE
 CAPONE... own CAT FUD...

PIKACHU
 TEETA

CONIKO



4.9 LIQ

2nd SITE = B

7/8/98

Bill = e turtle

(#5)

77.7 X 77.3 X 58.4
79.8 X 71.5 - clean

40774C7A47
[Barcode]

Recovery

(6)

IF773C1717 (no AB today!) LIQ already given.
53.4 X 53.7 X 41.6
58.0 X 48.5

3.6 LIQ

(7)

64.6 X 64.1 X 51.8
69.5 X 62.5

4077466D04
[Barcode]

3.6 LIQ

(8)

60.9 X 60.7 X 47.5
65.5 X 56.0

[Barcode]
4077374B27

RH = "dangling"
RT H jaw #1(1) - hinge

SCORE = 1

(9)

2.3
50.6 X 50.4 X 40.7
54.0 X 48.5

[Barcode]
407755647E

LIQ given

(10)

53.9 X 53.6 X 41.9
58.0 X 49.5

[Barcode]
40773B3D56

RH = 1/2 missing healed
LH = 1/4 missing healed

ADULT ♂

RECOVERY!

(11)

LIQ given
87.6 X 87.6 X 67.6
93.5 X 84.5 LF = #2(1)
Rt eye #1(1) #2(1) (→ #1(2))
Lt eye #2(1) RF #3(1)
LH #4(1) LH 1/8 missing

407738772E
[Barcode]

LFF = 9799
RF = 9800

RTTLE JAW = #2(1)
GLS TTLS = #1(1)

SCORE = 2

HEALED

DAY 2 7/8/98
SITE = B

1.77 LIQ

(12)

49.5 x 49.5 x 41.3
3.0 x 49.0



L eye #1(1) #2(1)
R eye #1(1)
RF #2(1)
RH #2(1)

SCORE = 1

4.3 LIQ

(13)

67.4 x 66.8 x 53.8
77.5 x 64.5



R eye #1(1)
LF #2(1)

L eye #1(1)
L jaw #1(1)
L & R jaw hinge = #1(1)
glottis = #2(1)

SCORE 1

~~EMERGED ON CORAL HEAD~~ "STRANDINGS" HAND capture

(14)

2010250823 ← PIT
LH = ~~B828~~ B828
RH = B829
RF = B826 (R3-4)

MODERATELY EMERGED
5.6 LIQ
77.1 x 76.7 x 58.7
82.0 x 71.5

SCORE 3

LFF = #1(1) #2(1)
RPF = #4(1)

REYE #1(2)
NECK #2(1)

R jaw hinge #2(1)
tongue #1(1) tongue
L jaw hinge #3(1)
NOSTRIL SEPTUM #1(1)

RECOVERY

7/8/98 DAY 2 SITE = B

1.7 LIG

emerged coral head "stability" - hand capture

48.7 x 48.4 x 38.9

52.0 x 45.0

407758121B



Score =

2

LF #3(1)

MODERATELY EMACIATED

Left eye #1(1) #2(1)

Right eye #2(1) - probably no can see

L jaw hinge #2(1)

roof of mouth #1(1)

NOT FOR TDPS

SCORE 3

EMERGED ON CORAL HEAD - hand capture

VISION

MINIMAL VISION

tail #3(1) #2(1)

~~RE #3(1)~~ Left eye #2(1)

Right eye #2(1)

LH #3(1) - adult leeches

RE #3(1) - adult leeches + eggs

#2(1) "3"

LF #3(2) #2(3)

L+R jaw hinge #2(1)

NECK #2(5) #1(3)

407A383068



Released

65.0 x 64.6 x 51.0

70.0 x 61.0

4.3 LIG

Released Herbal 7/9/98

emerged on coral head - hand capture

SEVERELY EMACIATED

50.1 x 49.9 x 42.1

53.5 x 52.0

RF #3(1)

RH #3(2)

Tail (closed) #2(2)

NECK #3(2)

LH #3(1)

Right eye #2(2)

Left eye #2(1)

Mouth rt jaw hinge #2(1)

Ljt #1(2)

LF #3(1)

~~#3(4)~~ #1(1)

Score 3

TO KRF

Shipped to KRF

Herbal Bound

7-8-98

TD

7/18/98 DAY 2
SITE = B

4.37 LIG

(18)

66.6 x 66.3 x 53.6
72.0 x 61.5



Reye - ~~passtite~~ #1 (1)

Score = 1

3.07 LIG

(19)

√7.6 x √7.3 x 45.8
61.5 x 55.0



19 TOTAL - 15 Bullpen
4 coral head (all TMR)
(1 of 4 TO Honolulu)

2 TMR, 8 clean
(3 Rec) (2 Rec)

5 Recoveries Total

Score 1 - 6
2 - 3
3 - 3

12 Total

407A2E698D

407A545732

SITE = A 7/9/98 DAY 3

①

"clean"

6.2 LIQ

RF 9499
LF 9498

87.5 X 76.0
82.6 X 82.4 X 61.5

ADDED PIT today



RECOVERY!

②

3.6 LIQ

~~61.3~~ X 60.8 X 50.3
65.5 X 59.5



③

4.3 LIQ

67.4 X 67.7 X 55.9
75.0 X 69.5



RECOVERY?

④

4.9 LIQ

41041A3E3D "clean"
71.6 X 71.4 X 56.7
77.5 X 70.0

Both traced HIND



⑤

4.3

67.4 X 67.4 X 53.4
77.0 X 67.0

Score 1

Leye #1(2) LSH #2(1)
RF #2(1) RJH #1(1)

⑥

2.3

50.3 X 50.2 X 40.1
54.0 X 48.5



RH #2(1) Leye #1(1) #2(1)
RF #2(1) Leye #2(2)
RJH #2(1) LSH #2(1)
right jaw hinge left jaw hinge

Score 2

7/9/98

DAY 3
SITE = A

7

#2(2)
RF #3(1) #2(4)

LF #3(1)

LH #4(1)

Reye #1(4) Leye #1(1)

NECK #2(1)

407A517333



SCORE

3

glottis #2(1)

RJH #2(2)

tongue #1(1)

49 L19

71.3 x 71.2 x 51.5

76.0 x 67.5

SCORE 3

49 L19

8

B880 = RFL

73.1 x 73.0 x 54.4

RH = B878

78.5 x 71.5

LH = B877

LF = B879

Seawater
TEMP: 26.3°

RECOVERY =

LF #2(1) #3(1)

LJH #4(1)

Leye #1(1) #3(1)

RJH #3(1)

Reye #1(3)

severely emaciated

Leeches

PICTURES

RFL #3(2)

FAIL = #3(1) #4(1)

RH #3(1)

LH #3(1)

Mouth = #2(2)

#2(1) - roof

glottis

407D2C3164



ADDED PTT

EMERGED ON CORAL STARTED HEAD AND CAPTURE

9

RF H592

RH H593

LF #50272

SCORE 2

RJH #2(2)

LJH #2(1)

Reye #2(2)

RH #2(1)

NECK #2(1)

Leye #1(1)

VERY severely emaciated!

RECOVERY =

70.5 x 65.0

65.3 x 65.3 x 51.3

49 L19



4077374830

TEMP

ADDED

DAY 3 SITE = A 7/9/98

23

3.6ml LIQ

ADDED Today ?

10

64.8 x 64.5 x 52.9

69.0 x 62.0

"golden carapace"

407A4B1315



"RECOVERY"

RH R347

tag callouses on both front flippers

↳ tags MISSING??

~~tumor regression 2/8~~

pink skin photos taken GB # 6 & 7

11

54.5 x 54.5 x 43.0

58.5 x 52.5

407A2E314C



12

47.0 x 46.6 x 38.3

51.0 x 45.0

407A3B197D



13

71.3 x 71.1 x 57.6

76.5 x 72.5

4077584432

SCORE 2

RSH #1(1) RF #1(5) #2(1) #3(1)

Leye #1(1) Reye #1(1)

HINDS TRACED!

LFF #1(1) LH #1(1)

14

67.9 x 67.4 x 54.1

72.5 x 65.0

407A4B441F



LF #2(2) #1(9)

Leye #1(2) Reye #1(3)

RA #1(1)

neck #2(8)

LH #1(1)

RF #2(2) #1(4)

DA 3 DATE = A

Address label

2.8 x 2.2 x 2.2
2.0 x 2.0

"poker envelope"

for collar in tote first paper
to the window?

pink skin
#2

2.2 x 2.2
2.2 x 2.2 x 2.2

Score 1	-	1
2	-	4
3	-	3
		<hr/>
		8 total

DAY 3 18 Total
 8 Turned 17 Bull pen, 1 coal head
 3 away + 17 away = 77 Total coal

Day 3

7/9/98

SITE = A

END
25

RECOVERY

ADDED TODAY

15

V-877 LF
V-878 RH

407A544A33


30me 62.5 X 55.0 "clean"
L19 58.6 X 50.1 X 45.9

16

1.7g L19
45.8 X 45.5 X 37.2
49.0 X 44.0

407A537277


17

1.7g L19
45.5 X 44.9 X 37.9
48.0 X 44.0

407A41161C


12cm crescent piece of carapace missing above RH and

Score 3

18

IF 74557424 LF B449 RF B450
RH B452
LH B451
64.9 X 64.9 X 50.0 (50.6)
69.0 X 62.5

MODERATELY EMACIATED

RECOVERY

LH #2(3) one at tag site
RH #2(2) - both at tag site
RF #4(1) #3(1)
LF #2(2) one at tag site; #1(3)

L19 given

leddex

Neck #3(1)
RTH #3(1)
Reye #2(1)
Leye #2(1) > NO VISION
glottis #1(1)
LTH #1(2)

26

July 1999

Objective - collect (frozen) leeches and amphipods from all turtles.

- Plasma banking + DNA
- Selected bioassays in 10% formalin

LF # 2 (1) LF # 2 (1) LF # 2 (1)
 LF # 2 (2) LF # 2 (2) LF # 2 (2)
 LF # 2 (3) LF # 2 (3) LF # 2 (3)
 LF # 2 (4) LF # 2 (4) LF # 2 (4)
 LF # 2 (5) LF # 2 (5) LF # 2 (5)
 LF # 2 (6) LF # 2 (6) LF # 2 (6)
 LF # 2 (7) LF # 2 (7) LF # 2 (7)
 LF # 2 (8) LF # 2 (8) LF # 2 (8)
 LF # 2 (9) LF # 2 (9) LF # 2 (9)
 LF # 2 (10) LF # 2 (10) LF # 2 (10)

LF # 2 (11) LF # 2 (11) LF # 2 (11)
 LF # 2 (12) LF # 2 (12) LF # 2 (12)
 LF # 2 (13) LF # 2 (13) LF # 2 (13)
 LF # 2 (14) LF # 2 (14) LF # 2 (14)
 LF # 2 (15) LF # 2 (15) LF # 2 (15)
 LF # 2 (16) LF # 2 (16) LF # 2 (16)
 LF # 2 (17) LF # 2 (17) LF # 2 (17)
 LF # 2 (18) LF # 2 (18) LF # 2 (18)
 LF # 2 (19) LF # 2 (19) LF # 2 (19)
 LF # 2 (20) LF # 2 (20) LF # 2 (20)

LF # 2 (21) LF # 2 (21) LF # 2 (21)
 LF # 2 (22) LF # 2 (22) LF # 2 (22)
 LF # 2 (23) LF # 2 (23) LF # 2 (23)
 LF # 2 (24) LF # 2 (24) LF # 2 (24)
 LF # 2 (25) LF # 2 (25) LF # 2 (25)
 LF # 2 (26) LF # 2 (26) LF # 2 (26)
 LF # 2 (27) LF # 2 (27) LF # 2 (27)
 LF # 2 (28) LF # 2 (28) LF # 2 (28)
 LF # 2 (29) LF # 2 (29) LF # 2 (29)
 LF # 2 (30) LF # 2 (30) LF # 2 (30)

Segundo site

(18 ds are didn't get PIT tagged 27

AM

July 5, 99 Depart 540 Aloha Island Air
Monday Sweet's Hawaii Tutts vet Student

Filipino =
"Loved" are
endeavouring
term

Hotel Moloaie
IN DAY to today - Mike, Ed, Diane, M. Medeiros
"Pols"
Or Bottle
net by edge of harbor. (19 turtles)
Moved net to off the Pt. (just west of
Paharaba Pond) - drive to shoreline site.
Anchored boat - drove back to Hotel
Ed's truck - back ~ 5 PM.

July 6, 99 Drove 7 AM to site, pushed
Tues. boat to net - (13 turtles)

same
net site

Drove to HAWA - many campers on left
side. No evidence of tracks/digs on
right. Lots of red ants on beach cluttered
together. T.W. pruned.

Thermy work arrived late Tues.

July 7 AM only 15 turtles in net but
Wednesday drove 2 are blue spots from
day 2. Brought turtles to

pickup truck shore to work up.
Drove to Moomoia. 2 golden retrievers.
Two set of tracks seen - one
fainter than the other. 3-4 evacuation
sites. one marked w/ stick - Dr. Large
and Joan Aiden?
Return to Cook House Restaurant - breakfast.

July 8, 99 (31) turtles. T.W. left.
Thursday Went to Waialua Park - Family
reunion campout - fish dinner
Brought to shore

July 9, 99 21 turtles brought to shore.
Friday Departed 640 PM flight

Dear Dr. Balaz,

5/99

Thank you for all your wonderful information that you have given me. I have used your information in my panel speech and background information. I think everyone has loved that you have given me your knowledge and has shared it with them. If you're ever on Molokai and you need an assistant rescamher give me a call at 553-9868. I'd love to learn more from you and help.

Aloha Pumehana
Jammal Raparot

Jammal Raparot
PRISM Students
Kualapuu School
P.O. Box 260
Kualapuu, Hi
96757

EE 21
155000 (no lunch)
(155000) (no lunch)
(155000) (no lunch)
(155000) (no lunch)
(155000) (no lunch)

Handwritten notes on the right side of the page, including a circled '21' and other illegible scribbles.

SCORE I
8 = 8
4135077271
4135000000
Pride 98200
53220

JULY 1999

picked yard by Harold
DAVI BY SIGRARD
office
July 23 = 13 = 5

the time to service
July 23 = 13 = 5

July 23 = 13 = 5

July 23 = 13 = 5

Time	4	5	6	7	8	9
R 5:54am	R 5:54am	R 5:55am	R 5:55am	R 5:55am	R 5:55am	R 5:55am
S 7:18pm	S 7:18pm	S 7:17pm	S 7:17pm	S 7:17pm	S 7:17pm	S 7:17pm
NOON	NOON	NOON	NOON	NOON	NOON	NOON
AM L 2:56 0.1	AM L 3:36 0.0	AM L 4:17 0.0	AM L 4:49 0.7	AM L 5:42 -2	AM L 5:42 -2	AM L 5:42 -2
H 8:57 0.9	H 10:12 1.1	H 11:19 1.3	H 11:00 1.3	L 4:59 -1.1	L 4:59 -1.1	L 4:59 -1.1
PM L 1:29 0.5	PM L 3:01 0.7	PM L 4:03 0.7	PM L 4:49 0.7	H 11:08 1.1	H 11:08 1.1	H 11:08 1.1
H 8:15 1.7	H 9:06 1.5	H 10:03 1.3	H 10:03 1.3	L 6:30 0.7	L 6:30 0.7	L 6:30 0.7
PM L 1:56 2.2	PM L 3:01 0.7	PM L 4:03 0.7	PM L 4:49 0.7	H 11:08 1.1	H 11:08 1.1	H 11:08 1.1
H 8:55 0.4	H 9:06 1.5	H 10:03 1.3	H 10:03 1.3	L 4:59 -1.1	L 4:59 -1.1	L 4:59 -1.1
PM L 1:56 2.2	PM L 3:01 0.7	PM L 4:03 0.7	PM L 4:49 0.7	H 11:08 1.1	H 11:08 1.1	H 11:08 1.1
H 8:55 0.4	H 9:06 1.5	H 10:03 1.3	H 10:03 1.3	L 4:59 -1.1	L 4:59 -1.1	L 4:59 -1.1
PM L 1:56 2.2	PM L 3:01 0.7	PM L 4:03 0.7	PM L 4:49 0.7	H 11:08 1.1	H 11:08 1.1	H 11:08 1.1
H 8:55 0.4	H 9:06 1.5	H 10:03 1.3	H 10:03 1.3	L 4:59 -1.1	L 4:59 -1.1	L 4:59 -1.1
PM L 1:56 2.2	PM L 3:01 0.7	PM L 4:03 0.7	PM L 4:49 0.7	H 11:08 1.1	H 11:08 1.1	H 11:08 1.1
H 8:55 0.4	H 9:06 1.5	H 10:03 1.3	H 10:03 1.3	L 4:59 -1.1	L 4:59 -1.1	L 4:59 -1.1
PM L 1:56 2.2	PM L 3:01 0.7	PM L 4:03 0.7	PM L 4:49 0.7	H 11:08 1.1	H 11:08 1.1	H 11:08 1.1
H 8:55 0.4	H 9:06 1.5	H 10:03 1.3	H 10:03 1.3	L 4:59 -1.1	L 4:59 -1.1	L 4:59 -1.1

Monday

Tuesday

Wednesday

Thursday

Friday

(18 TIME)
(1 RECOV. NO TIME)
TOTAL = 90

(7 TIME)
(1 RECOV. NO TIME)
TOTAL = 90

(5 TIME)
(NO TIME)
(NO RECOV.)

(13 TIME)
(4 TIME)
(NO RECOV.)

(31 TIME)
(11 TIME)
(3 RECOV. NO TIME)

(23 TIME)
(12 TIME)
(NO RECOV.)

SCORE 1 2 3
17 9 8 = 34
50% 26.5% 23.5%

34 TIME = 37.8%
RECOVERIES = 4 = 4.4%

SITE = "Segundo" ^A 5 JULY 99 Monday Palawan 31
Day 1 pickup

TAGS S x N x W CC(X)CCW (1)
47.9 47.7 39.4 51.5 47.5



4136284829

LHF



407A55721C

RHF

1.7 LIQ

43.3 43.1 34.4 46.5 40.0 (2)



4135251C68

LHF



407A30274C

RHF

1.0 LIQ

41.1 40.9 33.4 44.0 38.5 (3)

4136043B76



LHF

413E530B73



RHF

1.0 LIQ

57.3 57.2 47.3 62.5 56.5 (4)

413E2B206C



LHF

413E2A2462



RHF

3.0 LIQ

Ror eye (?) cloudy lens. posterior cone
near other of both eyes - 5 suspicious bump

52.5 52.3 40.5 56 47.5 (5)



4136077C71

LHF



413E4D0A00

RHF

2.3 LIQ

5 JULY 99
Monday

DAY 1 pickup SITE = A

33

TAGS S x N x W

ecv x ccw

(6)

63.4 63.4 51.5 68.5 62

413624735E

41356E4B27

3.6 LIQ

LHF

RHF

Both eyes - suspicious bump each posterior

Score = 1

1/# 2; #1 neck

(7)

59.6 59.1 46.9 64.5 56

41363B4836

413E514D43

3.0 LIQ

~~LHF~~
Recovery
IF6D4A6446

RHF

poor Attitude

4135671D4D new

(8)

LFF

RHF

59.5 59.1 47.5 64 58.5

B498

B801

LFL

RH

3.0 LIQ

B499

B500

RFL

LH

62.5 62.5 51.8 68 62

(9)

41357B2775

41357A1306

3.6 LIQ

LHF

RHF

Pouch of skin at ^{Growth} base of ^{dorsal} right flipper

Score = 1

34

See page 34

Sent

7/25/02 TRIP Palau

10 years old

Malia Cook (Kalani, Kiani, Kanani & Kai)

P.O. Box 151

Mt. View, HI 96771

968-6795

Changj647@hawaii.rr.com

5 JULY 99 DAY 1

SITE = A

35

TAGS SX NX W

CCV X CCW

66.3 66.1 49.9 71 x 62

(10)



41356C5E07

LHF



41361E3655

RHF

4.3 LIQ

69.4 68.9 56.3 76.70

(11)

Irregular surface to right eye 3.7 LIQ
skin - old injury?



4136265720

LHF



41352E140A

RHF

LEFT hind ONE ^{1/4} QUARTER missing, healed

Sore 1

44.0 43.8 34.7 47.5 43

(12)



4136314925

LHF



4135721272

RHF

0.7 LIQ

1/#2 LFL

SCORE = 1

55.8 55.6 46.3 59 54

(13)

1/#1 R eye
1/#1 L eye



413568122E

LHF



413632373A

RHF

SCORE = 1

36
July 25, 02

DAY 3

Coral Head

July 2002

SL	SW	CL	CW
59.6	47.7	63.5	57.5
59.6(N)			

From p. 38
TS-2

LFF #4(1) AXIL = 22.1

L jaw #2(1)

→ PICTURE TAKEN



423B3F472A



422D531539

Hand capture

Coral Head

Hand capture

6

45.3	35.5	49.0	43.0
45.1(N)			

tumor inside eyeball

AXIL = 17.3
Left eye blind #1(1)



423F4C5642



424F262A50

LH
RH

TS-1

hand capture

Coral Head

TS 3

7

47.1	36.2	49.5	43.0
46.4	AXIL = 15.5		

RFF #3(2), #2(1), #1(1)

neck #3(1)

LFF #3(2); #2(1)

Left jaw #1(2)

right jaw #1(1)

Nose #2(1)

LH #4(1)



422F171E72



42334E3F6C

Leg #2(1)
Rege #1(1)

L
R
mild emaciation

NOTE: Caught in bag net!
NOTION coral heads!

BR Brought out by Mike.

53.6	43.4	56.5	51.0
53.4(N)			

AXIL 19.0

RH #2(1)

LH #2(2)

TS=1



422D68693E



42362F5310

TS
L
R

5 JULY 99

DAY 1

SITE = A

37

TAGS S X N X W

CCL x CCLW

permanent ID

Score = 2

52.3 51.9 41.9 56 49.5

2-#3 LFF, 1 #3 ^{dorsal} neck 2.3 LIQ

PIT TAGS NOT INSERTED! SHB MISTAKE
NOT FOR TDPS

76.2 76.2 59.0 83 79 5.6 LIQ

1 #1, 3 #2s LFF

left hind flipper missing and healed



4136283F20



4136240928

SCORE = 1

RHF

LFF

Score = 2

54.1 54.1 42.8 58.5 52. 2.3 LIQ

upper back 1-#2
nostril area 1-#2
Eye 1-#2
ventral neck 1-#3
L Hind 3-#2s

Moderate emaciation



41360F1000



41370F6B31



413601057B



41363A785F

LHF

RHF

RHF

Score = 3

65.6 65.4 49.0 71.5 60.5 4.3 LIQ

1-#4 neck + 1-#3
1-#3 Reye
1-#2, 1-#1 Eye

mild em

left upper back - tumor Ripped off
bleeding unknown size

38 "BASKING" ON DAY 3
1130 AM CORAL Head Captives 7/25/02

CONTINUED
FROM P. 100

SL 67.8 SW 52.2 CL 73.5 CW 64.

① (N) = 67.4 AXIL: 25.9

RJAW #1 (1)
LFF #2 (1)
MCH #2 (1)
NECK

42335A157D LH

7/25/02

TS-1

42373F465F RH

② 59.0 46.8 63.5 55.5
59.0 (N)

AXIL 22.4

43587D2121 LH

hand capture
cool
head

7/25/02

RFF #2 (1)

424F22502A RH

TS-1

regressing

③ 60.7 47.3 64.0 x 56.5
60.1 (N)

hand capture
cool
head

7/25/02

424D305175 RH

423F3B584F LH

TS-2

AXIL 21.2

mild ama cratin

LH #2 (1) Leye #3 (1)
RFF #2 (2) Reye #1 (1), #2 (1)
right jaw #2 (1)

TS-1

52.8 21.4
52.3

57.0 x 49.5

hand capture
cool
head

④

Roof mouth #2 (1)
Leye #2 (1) "large"
mild
enaciation

42346B7D61 LH

7/25/02

42502F1E17 RH

TO page 36

AXIL = 17.9

(CONT. P. 36)

5 July 99

Day 1 SITE=A

39

SxN x W SW CCW x CCW

(18)

52.2 52.0 41.9 57 50.5
2.3 LIQ

Right eye #2

R jaw #2

Left eye 1-#2

1-#3 TAIL

1-#1 LFF

Score =
2



4136214B7D

LHF



41357A1974

RHF

He's a real biter,
not cooperative



65.8 65.6 49.0 71 61
4.3 LIQ

(19)

Score
1

1-#2 RFL



41361F1A1E

LHF



4135121113

RHF

TOTAL caught =
+ (1 Not PIT TAGGED)
was taken

(18)

(7) TMR
1 recapture - no tumors
(old metal + old pit)

Score	1 ^{min}	-	4
	2		2
	3		1
			<hr/>
			7 TOTAL

40
Date: Wed, 30 Jul 2003 13:40:44 -0400
From: Rebecca Murcek Greenblatt <rjm23@cornell.edu>
To: gbalazs@honlab.nmfs.hawaii.edu
Cc: jwc3@cornell.edu
Subject: leech from 7/99 Palaaau, Molokai

Hello!

Me, again.

I know that it's been *quite* some time now, but I have a burning question for you about a leech that you mailed to Jim and Fina in 1999. If you check your archives, I think that you'll find the same packing list that I'm looking at (if it's gone missing, let me know to what number I should fax a copy) -- it's a list of "20 Frozen Vials Fedexed to Jim Casey, 8/31/99 from July 1999 Palaaau, Molokai Expedition, Ectoparasite Sampling". The list has four columns, "Vial ID/PIT Tag", "Marking Pen Vial ID", "Marking Pen Other Vial Info," and "Contents."

My question is about the thirteenth vial on the list; it's a bagless animal listed as having tumor score 0, marking pen vial ID #3, sampled 7/6/99, contents "2 mouth leeches."

And the questions are:

- 1) Does Tumor Score 0 on that vial mean that the turtle to which the leeches were attached had no FP tumors at all?
- 2) How much faith do you put in that scoring? (ie, would it have been done by you, a vet, a volunteer, etc.?)

We're very curious to find out as soon as you can locate your notes!
-Rebecca

6 JULY 99
TUESDAY

Day 2

STB = F
OFF
BOLLO
POINT

41

SL x SN x SW CL x CW

①

45.1 x 44.9 x 36.7 48 x 42

1.7 ml LIQ



4104077849

LF

6 cc Blood



4104170E0F

RH

1 Amp ^{hipod} in vial
labeled "1" 7-6-99

②

SL x SN x SW
55.5 x 55.1 x 42.7

CL x CW
60 x 52

3.0 ml LIQ
7 cc BLOOD



407A430108

LH

1 - #2
Score = 1

4077363E0E

RH



③

46.8 x 46.4 x 37.0

51 x 44.5

1.7 ml LIQ
6 cc Blood



4077332F4B

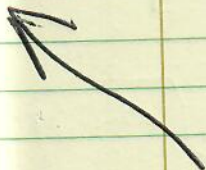
LH

2 - ^{Mouth} leeches in
vial labeled "3"



4077312C3B

RH



Tuesday 6 July 1999
1999

Day 2
STE = $\frac{F}{D0}$

(4)

46.8 x 46.1 x 41.3

50 x 47

Sunburst carapace coloration
Likely new recruit.

1.7 ml UQ

6 cc BLOOD



4077380942

LH



40773E7666

RH

Photo on deck with "normal" color turtle.
Photo of plastron with Sverin holding the turtle.

(5)

43.9 x 43.5 x 35.4

47.5 x 41.5

2.3 ml UQ (average -
should have been 1.0)

6.0 cc BLOOD

4077520255



LH



4077417159

RH

(6)

52.3 x 51.9 x 41.1

57.0 x 49.5

2.3 ml UQ

5 cc BLOOD



4077356A60

LH



4077570C25

RH

Tuesday - 6 July 1999 1999

DAY 2
SITE = 140 F

7

47.0 x 46.5 x 37.8

5L x 47

1.7 ml LIQ
6 cc BLOOD



LH

Sawhinge AMP
2-DB
vial label = "7"
collected



RH

8

56.5 x 56.2 x 46.1

6L x 56.5

3.0 ml LIQ
6 cc BLOOD



LH

Bit Sugin's right pointer



RH

9

64.6 x 64.4 x 50.6

70 x 62.5

3.6 ml LIQ
7 cc BLOOD



LH



RH

Tuesday - 6 July 1999

Pickup Day 2
SITE = F

47

1999

10

46.6 x 46.1 x 38.2

50.5 x 46.5

1.7 ml LIQ
5 cc BLOOD



4077506F37

LH

(#3 - AMP in each jaw hinge)

7 AMP collected - Vial label "10"

LH - 1/4 missing - healed

RH - 1/3 missing - healed

4077552978



RH

11

50.5 x 50.2 x 39.0

55 x 47

SCORE = 2

2.3 ml LIQ
6 cc BLOOD



4077435404

LH

R Rathyke RORE - 1-#1 (Scales & Scutes)

LFF: 1-#3

Reye: 1-#1 Anterior corner

neck: 1-#3

RFF: 1-#1

LFF - 1-#1

1-#2 LFF; 1-AMP from LFF Tumor Collected - Vial label 11

40773A4B68



RH

12

53.5 x 53.3 x 43.1

57.5 x 51

SCORE 1

2.3 ml LIQ

9 cc BLOOD recent
significant vision loss

Right Eye 1-#2

glottis 1-#2

1-piece from glottal tumor Vial No. 12

RH 1/2 missing ~~longitudinally~~
longitudinally - healed.



4077336E11

LH



40774C692E

RH

Tuesday - 6 July 1999
1999

Pickup Day 2
SITE = F

49

SL x SN x SW
53.2 x 52.8 x 42.9

CL x CW
58 x 49.5

13

LFF 1-#2 2.3 ml LIQ

LFF 2-#1 5.5 cc Blood

RFF 1-#2

Leye 1-#2

Reye 1-#1

R Jawhinge 1-#1

RH 1-#2

Cloaca 1-#2

" 1-#1

LH 1-#1

4077460B50

LH

4077502B54

RH

Score =
2

TOTAL CAUGHT = 13 (4 Turned)
NO TAG RECOVERIES

Score 1-2 > 4
2-2 > 4
3-0
4 Total

July 7 DAY 3 1999 SITE = F
Wednesday
5 X N X W CCL X CCW

51

①

37.9 x 37.3 x 31.9

40.5 x 38

~~0.5 ml LIQ~~

5 cc BLOOD - TERRY

5 cc BLOOD - GEORGE

4- AMP neck

1- AMP into formal. for Terry

413E486224



LH

sample 1

today's date



41350E353D

RH

Sent

Ayla's Turtle - (send picture)

40 DINA POTTER, PO BOX 36, KOALAPUO, HI 96757

②

61.6 x 61.5 x 48.4

67 x 63

3.6 ml LIQ

PL: 50.3

10 cc BLOOD - (2 vials)

~~cc BLOOD~~



4136293839

LH

Lt R eye posterior corner - SB necrotic

3- AMP



413627457E

RH

tail: T- 11

C- 7

③

40.2 x 39.7 x 32.8

43 x 38.5

1.0 ml LIQ

PL:

5 cc BLOOD - GEORGE Tail: T-

5 cc BLOOD - TERRY C-

41352F6A72



LH

41356F1D1A



RH

2 + 11 x 11
2.7.12 = F
200 x 200

2.7.12 x 2.7.12
2.7.12 x 2.7.12

11

1 - 100g into formalin for formalin
4 - 100g neck
2 cc blood - glucose
2 cc blood - TCCG

11

1 - 100g into formalin for formalin
4 - 100g neck
2 cc blood - glucose
2 cc blood - TCCG

11

10 cc blood - (2.7.12)
2.7.12 x 2.7.12
2.7.12 x 2.7.12

11

1 - 100g into formalin for formalin
4 - 100g neck
2 cc blood - glucose
2 cc blood - TCCG

11

2 cc blood - glucose
2 cc blood - TCCG
2.7.12 x 2.7.12
2.7.12 x 2.7.12

11

N=5 + (2 blue spots)
no TMRed

7 July 99 SITE = F
web. DAY 3 ₂₀

53

(4) S x N x W CCL x CCW

short term Recap from 7-6-99
407757 PC25

+ LFF

5 ml blood - Thiny

(5) S N W
50.3 x 50.0 x 39.4

CCL CCW
55 x 48

PL-40.4 T-9, 7.5

41360F3D7C



LFF

4136095E7A



RHF

RHF

Blood = 2.3 ml LIA
5-GHB 5TW

(6) 48.1 x 47.7 x 37.5 53.0 x 46.0

(Amphipod mouth - frozen)

1.7 ml LIA

41363A2309



LFF

413E2A2A0A



RHF

Blood-

5 GHB

5 TW

(7) previous ^{Recap} Capture from 7/4/99 short term
4071435404 5cc blood for
TW

DAY 4

8 July 09
Thursday
S x N x W

SITE = D
slightly west of
Pakanaka
CL x CW

①

TW#8

69.2 x 68.8 x 51.3 75.5 x 66.5

4.3 ml Lig

413467510C



LHF

4135697157



RHF

②

TW#9

42.5 x 42.3 x 33.4 46.0 x ~~43.0~~ 39.0

1.0 ml Lig

4135242673



LHF

413E514731



RHF

③

TW#10

49.9 x 49.7 x 40.6 53.5 x 48.0

1.7 ml L1a

4136243876



LHF

4136007C0E



RHF

④

#11 TW

41.4 x 40.9 x 34.2 44.0 x 39.5

1.0 ml.

41362C1F2F



LHF

413616194A



RHF

56

Day 4
Thursday

SITE = D

8 July 99

Sx N x W

slight east Patanoba

CCL x CCW

1999

(5)

LFL #2183 Blue
RFL #N358

Top plate broken

Tw #12

65.7 x 65.7 x 53.2

70.5 x 65.0



413E546609



41361E7A70

RHF

LHF

4.3 ml.

(6)

Tw #13

69.8 x 69.8 x 51.9

76 x 69.5

4.3 ml Lig
10cc BLOOD (SPLIT)



413E4B4E08

LHF



41361B4F2C

RHF

(7)

Tw #14

68.7 x 68.7 x 53.6

74.5 x 66.5

3.7 ml LIQ

suspicious bump on
Left Dorsal tongue



4136273C1F

LH



4135284652

RH

DAY 4
Thursday
8 July 99

SITE = D
Slight east
Pakanaka

1999

57

8

TW#15

62.3 x 62.1 x 47.6

66.5 x 57.5

3.1 ml LIQ

4136407A41

LH



4136367276

RH

9

TW#16

67.6 x 67.6 x 51.9

67.5 x 64.5

3.7 ml LIQ

6+ - AMP neck

- AMP mouth

413E41202A

LH



41357D2B42

RH



10

TW#17

64.4 x 64.4 x 52.8

69.5 x 62.5

3.1 ml LIQ

413E2B7552

LH



RH

41362B0B34

11

TW#18

55.5

~~60.0~~ x 55.3 x 43.7

60.0 x 52.5

~~2.5 ml LIQ~~

IFCF244608 LFF

accidental 1cc antibiotic, should have been

413E1F2C47

LH



Recapture

cc

July 4
July 99

SITE = D
1999

(12)

47.7 x 47.3 x 38.6
1.3 ml LIQ

51. x 45

TW#19

41357F7247

LH

413623692D

RH

(13)

45.5 x 44.7 x 36.2
1.3 ml LIQ

48 x 43.5

TW#20

4136163C70

LH

41357D2D6C

RH

(14)

46.9 x 46.3 x 36.6
1.3 ml LIQ

50.5 x 43.5

TW#21

4136372F1A

LH

41362C7F55

RH

(15)

65.3 x 65.3 x 52.1
3.7 ml LIQ

71 x 65

Reye Bulges

TW#22

4104114910

Recapture

4135736175

LH

8 July 99
SITE = D

1999

DAY 4

61

(16)

52.9 x 52.4 x 41
2.3 ml LIQ

57 x 50

TW #23

41350F152A



LH



413E2D6773

RH

(17)

51.3 x 51 x 40.9
2.3 ml LIQ

56 x 50

TW #24

"mucky mucky on eyes"

both posterior eyes enlarge puka

41360E0F21



LH

413611475A



RH

(18)

53.8 x 53.6 x 42.4
1.9 ml LIQ

58 x 52

TW #25



41357C241D

LH

413E30117A



RH

(19)

54.9 x 54.9 x 43.8
1.9 ml LIQ

59 x 54

TW #26

41362F2F21



LH



413601632F

RH

impact injury right carapace
healed, soft
suspicious bump ~~right~~ eye
pimple like
left eye - missing

8 JULY 99
Thursday
SITE = D

DAY 4

20

TW#27

52.6 x 52.5 x 41.6
1.9 mL LIQ

55.5 x 48

4135663863



LH



413E4F2D69

RH

21

TW#28

62.1 x 62.1 x 48

67.5 x 60

~~W3208~~ V-122 LFL T5024Z

LFF 1F75211833

Australia Address

Receipture

Score =

2

RFL VIZI

2-#2 Neck

2-#2 LFF

L eye 2-#1

R eye 1-#1



4136232112

LH

2 AMP from Tumor collected

Biopsy from neck tumor -

regression?

1-#2 ~~glottis~~ right jaw hinge

22

#29
TW

54.8 x 54.6 x 43.2

59 x 52

1.9 mL LIQ

2-#1 RFL

RFF - 2-#1

LFL 1-#2

Clolla - 2-#1

LFL 3-#1

L eye 1-#2

R eye 1-#2

1-#1

Score =

1



413E1D3844

LH

413629407B



RH

R jaw 1-#2

neck 1-#1

L jaw 2-#1

Dear Mr. Balazs,

8/2/02

Hi! Thanks so much for the envelope! I especially enjoyed the pictures. I read the stories to my brother, Decker, and he loved them. My favorite picture was the ~~the~~ second one of me holding the turtle. It seems as if he's waving.

☺ I just started High School at MHIS. I love it! It's really fun and my schedule is perfect. My first 5 classes are in H + V building which are right next to each other. Then my P.E. + Drama classes are close + nearer to the front of the school. My Life Science class is 4th period + there is a school-wide science fair.

If I win 1st place, I get an automatic A+. I was thinking of doing a project on turtles.

I want to do an experiment on the water + how it affects the turtles + tumors. Can you give me any advise and/or information? I'm just wondering about stuff like the population, tumor population, how + what tumors are made of, and (if you can) ~~tell~~ tell me about (not the actual process) some of the experiments you've done. If you can, can you tell me a little more about how the tags work + how they're made. The science fair is in December but I want to start my experiment earlier. Can you help me? ~~Is it~~ Is it all right if you e-mail me? Our address is apex@mobetha.net. I might not answer exactly right away with our schedule but I'll try

8 JULY 99
Thursday

DAY 4
SITE = D

65

(23)

51.1 x 50.9 x 39.1
1.9 ml UQ

54.5 x 49.5

PW #30

4136047444

LH



4135350877

RH

SCORE =

3

Eye 1 #2

blind

Eye 1 #2

nearly blind

RFF 2 #1

neck 1 #3

2 #2

Claw 1 #2

RHF 1 #2

~~Biopsy of neck #2~~
Biopsy of neck #2

jawhinge #2 extending into

root of mouth

moderate em

(24)

42.9 x 42.7 x 35.0

46 x 41

TW #31

1 ml UQ



4136214721

LH



4136380005

RH

SCORE =

3

RHF 1 #3

Ljaw 1 #3

LFF 1 #3

Eye 1 #2

Eye 1 #2

1 #1

LHF 2 #2

neck 1 #2

RFF 1 #1

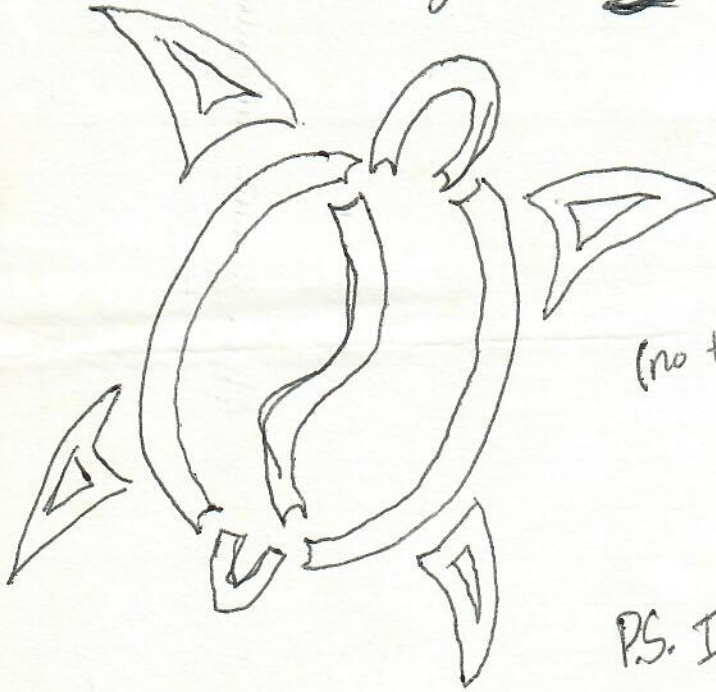
and its a lot quicker that way.

Thank-you sooo much. I really appreciate it. If I do win 1st prize you'll be sure to hear about it. Thank-you so much.

Sincerely sincerely,

Ayla Bicoy

Ayla Bicoy



(no tumors ☺)

P.S. I'll send you pictures!

Day 4
8 July 99

SITE = D

67

25

59.2 x 58.8 x 45.9
3.0 mL LIQ

62 x 55.5

TW #32



LH



RH

Score = 1

413568485B

41351E1C37

Eye 1-#2

26

52.5 x 52.1 x 42
2.3 mL LIQ

56 x 48

TW #33



LH



RH

Score = 1

Eye 1-#2

2 - AMP - mouth

27

52.5 x 52.3 x 42.2
2.3 mL LIQ

56 x 52

TW #34



LH

4136317C61



RH

Score = 3

Eye 1-#2

Eye 1-#1

Eye 1-#2

Eye 1-#1

4-#2 LFF

3-#1 LFF

1-#2 LFF

RFF 1-#3

Ljaw 1-#2

" 3-#2

Rjaw 1-#2

" 1-#1

LH 1-#4

RH 1-#3

LH 1-#3

RH 1-#2

8 = 312

PP WOT 8

U.S. Department of Commerce
 National Oceanic and Atmospheric Administration
 National Marine Fisheries Service
 Southwest Fisheries Science Center Honolulu Laboratory
 2570 Dole St. Honolulu, HI 96822-2396
 George Balazs

Ayla Bicoy
 HE01-362 K'kai
 HI 96748



Hand-drawn sketches of fish and handwritten notes on lined paper. The sketches include a large fish on the left and a smaller fish on the right. The notes are organized into columns and rows, containing alphanumeric codes and numbers. Some of the visible text includes:

- Top right: S.S. W. LID
- Left side: H9
- Right side: HJ
- Bottom right: HJ, HJ, HJ
- Bottom left: HJ, HJ
- Center: 1#1, 1#5, 1#1, 1#5, 1#1, 1#5, 1#1, 1#5, 1#1, 1#5

8 July 99
Day 4

SITE = D

69

28

56.7 x 56.4 x 43.8
3.0 mL LIQ

62.5 x 56.0

TW # 35


413679365C

LH

41362D6D0B



RH

Score =
1

RFF 1-#2 } regressing?
LFF 2-#2 }

Biopsy - #2 RFF

RFF 2-#1

leeches - lots

Gawhinge 1-#1 w/leeches

29

63.2 x 63.0 x 50.3
3.6 mL LIQ

67. x 58

TW # 36


4137017022

LH

41361E7F49



RH

Score =
1

LFF 1-#2 regression?

LH 1-#1

leech 1-#1

Biopsy LFF #2

30

52.0 x 51.6 x 41.2
2.3 mL LIQ

56 x 50

TW # 37


41356D7078

LH



4135343A3D

RH

Score =
1

leech 2-#1

8/30/02

Dear Mr. Balaze,
(U. George)

Thank-you so much for the Report! Its really interesting. I didn't understand $\frac{1}{2}$ the words in there but mom helped me. I'm probably going to use the tables and ~~the~~ the stuff about the fibro-something, something.

What I have in mind is to take a ~~sep~~ sample of the algae + ~~ocean~~ ocean water. My science teacher has a bacteria finding solution that I will use.

Will you please send me a description of the algae that the turtles eat so I can find it? I would also like 1 or 2 detailed pictures of fibropapillomatosis. As soon as I can get these I can take samples.

I haven't had an opportunity to get on the internet ~~to~~ but will when I do. Thank-you so much for everything!

Love,
Ayla Bicoy

Ayla Bicoy
HCOL-362
K'kai HI
96748

8 July 99
Day 4

SITE = D

71

(31)

52.3 x 52.3 x 43.6
2.3 ml LIQ

56. x 50

TW #38



4136076053

CH



4136020205

EH

Score =
2

moderate EM

tail 1 #1

chin 1 #3

TOTAL CAUGHT: (31)

(11 TMR)

Score 1 - 6
2 - 2
3 - 3

11 Total

CABBIE
CABRADEEN

Kabbie
Kabbradeen

Day 5

23 TOTAL
(12 Turnover)

Score	1	-	5
	2	-	3
	3	-	4
			<hr/>
			12 TOTAL

I haven't had an opportunity to get on the internet but will when I do. Thank you for everything!

Love,

Anna