MAUNA LANI and Sea Life PARK

P133

2002-2006

3-14-06 KAHALA SLP. Releases "KALO" — "KAPO" —

Jewels of the Islands

Nani Honu

BALAZS 2002-2006

BALAZS 286-2897

alco® 2002-2006

Composition Book

15TH T.D. Name JULY 4, 2004 page —

14TH School JULY 4 2003 NL page —

N=4 Grade ID/SPOT/PS = 25314, 25312 MT4 SPOT 3 = 23459 MT5 22534 MT1

Wide Ruled KAHALA = 11- -03 ST18 = 23542

9 3/4 x 7 1/2 in. 100 Sheets (24.76 x 19.05 cm)

16TH T.D. JULY 3-4, 2005 NL

11-13-03 USCG SAT TAG N=2 SPOT 3s

SLP Releases - 15 miles of S. Shore OAHU

P.56

P.56 I.D. 23176 23177 SPOT 3

I.D. 23542 ST 18

1-5-06 TW/GB SAMPLED MAUNA LANI 7 P.30

June 9, 03 — page 2 DATA PAGE

Nov. 7, 02 - page 16
10 Turtle to ML Atrium

12-1-05 Release
Minnesota Aquarium MALE
"IKAIKA" ST149/3
ID 24194 LFL 115
p. 104 TRAINING

CLASS SCHEDULE

DATE FOR KATERINE SCHLETZ ALLAOT TUALAULELEI

NAME BALAZS (808) 395-6409 286-2899 SCHOOL AND

ADDRESS

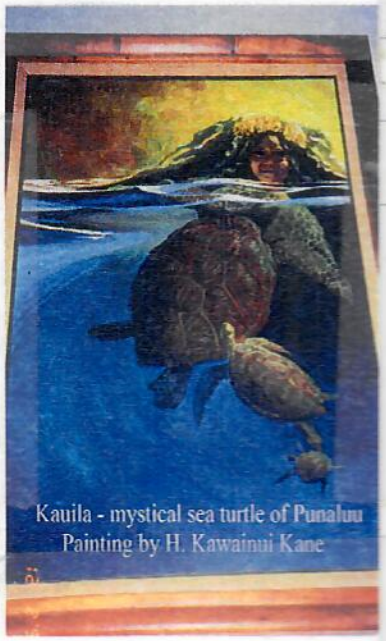
BALAZS

MARRATIVE = PAGE 140

PERIOD	MON.	RM.	TUES.	RM.	WED.	RM.	THURS.	RM.	FRI.	RM.
14TH TID 1	JULY 3 - 4 Friday 03 Manu Lani - 3 ST19s 1 SPOT3									
2	Wednesday Thursday		- 6 Released from Shore							
3			- 3 offshore, as follows:							
2 years 4	ST19 ID 22534 MT #1 "AKAHI" (NO. 1) 35.8 SCL 14 lbs Released by Noeiko Oshima									
2 years 5	ST19 ID 25314 MT #2 "KUKINI" (RUNNER) 33.4 SCL 11 lbs Released by Pii									
10 months 6	SPOT3 ID 23459 MT #3 "Keki" Released by Francis Ruddles 26.6 SCL 6 lbs									
Released from Shore 7	ID 25312 MT #4 "HOKU" Released Shore by Marty Wessler 35.8 SCL 13.5 lbs,									
ST 18 8	10/18/04									
9	Satellite Monday									

TAG ATTACHMENT:
2 - ST 18s
p. 99 - 100
SLP Returnees

GB, Kristie Vet, Erin, L Osborn (Part Time Jeff & Nio & Jim Hatton)



- Need -
- Electronic Scale
- Blue Stretchers
- Magnets

TID-Bit 11/7/02 # 381366
TO ATRIUM POND
MAUNA LANI

(1)

17 DECEMBER 02 Meeting at ML to
Tuesday plan TurtleCam to view turtles JULY 2002 both
basking in atrium at Mauna Lani Hotel.
Bill Riley (ISP for ML wireless), Bill Wittig (former
grad student Dr. Whitaw), Sandie Patton, Marc, New
assistant of Sandie. LISA

Leilani HINO (Jan)

46-3955 Puaono Road
Honokaa, HI 96727

MAUNA LANI SEA ADVENTURES, INC.

Capt. Steve Boreri
Operations Manager
Scuba Instructor

68-1400 Mauna Lani Drive
Kohala Coast, Hawaii 96743
Tel: (808) 885-7883 • Fax: (808) 885-8848
E-mail: winona@aloha.net

Sunday 15th TID
JULY 4, 2004
15th ANNUAL –
15 Turtles Released
Page 89
Comments Page 106

Danny's 20 year old daughter =
"KALEIHIKINA"

8 September 30, 04 Thursday
SLP Mainland
Returnees P. 96 – 103

GB, Bridget McDonald
Kristie Hicks, Jim Morrow
2nd MARI TO TMI

(2)

9 JUNE 03

Monday

A/L Depart HA Flight 118 w/ Bob Morris to KONA - Mauna Lani -

Objectives: 1.) Pre Release & Achievement Trams of 8 Turtles ATRIUM JULY 2002

5+5 2.) Decide on receiving more turtles from SLP - How many?

3.) How/many which ones for SPOT3 or ST19 satellite tags?

ALL 8 could carry ST19's SPOT3 NOT needed

4.) Use of other ponds?

already TOTALLY possible occur IN pond w/ 8 turtles!

5.) Anemone consumption?

Bob rented a car and we drove to ML, Met w/ Sandie/KURT/ for Hour discussing turtles.

DITMC.

KURT wants more outreach PR.

1) web site
2) Guests involved in feeding
3) Turtle Camp - promote
4) Cultural
Need Patrick Ching book
5) Touch Turtles
6) Signs in rooms telling about feeding.

Depart 411PM

3

FYI, July 4, 2003 will be the 14th annual TID at Mauna Lani. Program inception was in 1989, but first year of release was 1990. Following are the years and numbers of honu released:

	Year	Released
1st	1990	4
2nd	1991	10
3rd	1992	12
4th	1993	12
5th	1994	10
6th	1995	14
7th	1996	10
8th	1997	10
9th	1998	10
10th	1999	10
11th	2000	1
12th	2001	2
13th	2002	5
14th	2003	
15th	2004	
16th	2005	

Date: Tue, 9 Jan 2001 21:20:50 -1000 (HST)
From: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
To: Shandell Eames <seames@honlab.nmfs.hawaii.edu>
Cc: denise.parker@noaa.gov, Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>
Subject: Re: Call re: possible nesting in Waimanalo

Maybe. Maybe not. Please get ahold of him and see if you can met him out here and he can show you the exact spot. Mark it in some way that others will not be attracted to it. Convey to me when I get back, if needed we shall both go out there together. Mahalo, George

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

On Tue, 9 Jan 2001, Shandell Eames wrote:

> John Tavares via
> Carla (DOCARE)
> 41-574 Inoa St.
> Waimanalo, HI 96795
> 259-8545
>
>
> Contact saw one set of tracks leading down to ocean at Makapuu beach just
> before Sea Life Park around 6:45 a.m. He followed them to a depressed area
> that he assumed to be a nesting area. He covered up the tracks so
> nobody would find it and was concerned if the area should be
> blocked off. He also wanted somebody to come look at it. After talking
> with Denise, I spoke with contact again asking if there was a noticable size
> pit and if the area was high up on the beach as to not be washed away.
> The area was high near some shrubs, but there was not a noticable pit.
> The depression was only appx. 4-5" deep and 3-4' in diameter. I
> explained to him why it most likely wasn't a nest, but just a turtle
> resting. He then had a better understanding and was glad that somebody
> took interest. I told him we would send him some literature. George, do
> you want to put a packet together?
>
> Thanks,
> Shandell

Rodney SLP

RENATO LENZI
GENERAL MANAGER

Sea Life Park
HAWAII

41-202 Kalanianaole Highway, #7
Waimanalo, Hawaii 96795
Tel: (808) 259-2502
Fax: (808) 259-2526
Email: rlenzi@dolphindiscovery.com.mx

(4)

e: 14 Jan 03 09:52:47 -1000
.om: J. TenBruggencate <jant@honoluluadvertiser.com>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: RE: Article in the Advertiser about our satellite tagged turtle?

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

Reply to: RE: Article in the Advertiser about our satellite tagged turt
Turtle column ran Dec. 30. Here's the text. Should still be on the website.
--jan

Hawai^╤i^╥s Environment
By Jan TenBruggencate

Researchers following turtle^╥s journey

Hawai^╤i^╥s green sea turtles are seaweed-eating vegetarians when they^╥re close to shore. But when they head out to sea, they^╥ll eat most anything they can catch.

People who paddle canoes or surf get used to seeing turtles repeatedly in the same shoreline areas, but a turtle carrying a radio transmitter recently provided researchers with evidence that they can also spend long periods in the deep ocean.

The turtle was released June 20 after living in the lagoons at the Mauna Lani Resort on the Big Island. It had been equipped with a radio transmitter that periodically would send a UHF signal to a satellite, reporting the turtle^╥s location.

A track of the turtle^╥s past six months showed it took a grand tour around the Hawaiian Islands.

It headed southeast through mid-July, then abruptly turned north-northwest. The turtle, known to researchers as Honu #22270, continued on that path until the end of the first week in August, when it was a couple of hundred miles north of the Islands, then turned west for two weeks.

Then it took a curving southwesterly route that took it between Nihoa and Necker islands in the Northwestern Hawaiian Islands to a point south of Necker and roughly on the latitude of south Maui. In late September it turned east and headed home.

The turtle, still a juvenile, reached south Maui in early October, and spent a while in Maui waters before heading south. At last report, it was past ^╤Apua Point and nearing South Point, said George Balazs, a turtle researcher with the National Marine Fisheries Service. The transmitter should keep reporting its position for several more months.

Turtles give up their vegetarian ways when they leave shore, Balazs said.

^╙They^╥ll eat animal material, as long as they can catch it, like jellies, pelagic snails and fish eggs,^╘ he said. ^╙Turtles this size tend to thrive in pelagic zones far offshore.^╘

The Mauna Lani Hotel has a program for raising turtles and then releasing them

(5)

on July 4. It plans to release several this year with tracking devices attached.

Sandie Patton, the hotel^TTs vice president and director of resort administration, runs the turtle program in conjunction with researchers.

^LLThis high-tech tracking of the honu (the Hawaiian word for turtle) is very exciting and it enhances the educational and research aspects of our program,^L Patton said.

^LLWe receive an updated tracking map approximately every week and we have been sharing this information with various elementary school classrooms and turtle aficionados who are tracking the progress along with us.^L

Jan TenBruggencate is The Advertiser^TTs Kauai bureau chief and its science and environment writer. Reach him at (808) 245-3074 or at jant@ho noluluadvertiser.com.
^#

CHRISTIE L. HICKS, DVM
STAFF VETERINARIAN

Sea Life Park
HAWAII

41-202 Kalanianaole Highway, #7
Waimanalo, Hawaii 96795
Tel: (808) 259-7835
Fax: (808) 259-2535

P. 9 | 7/3/05 Sunday / WT / SCL Yearlings Mauna Lani 7
DATA pages 80-81 | 7/3/05
" " P. 127-129 | 7/3/05 > precheck + PITS 2 year olds
P. 111, 116 Comments / photos of people

(6)

Posted on: Monday, December 30, 2002

HAWAI'I'S ENVIRONMENT

Researchers following turtle's journey

By Jan TenBruggencate
Advertiser Columnist

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The Mauna Lani Hotel has a program for raising turtles and then releasing them each July 4th. It plans to release several this year with tracking devices attached.

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July 4 2005

(7)

Punahele
MAUNA LANI RESORT
SEA LIFE PARK HAWAII

Lani Kai
MAUNA LANI RESORT
SEA LIFE PARK HAWAII

Kai Nalu
MAUNA LANI RESORT
SEA LIFE PARK HAWAII

Kai Nehe
MAUNA LANI RESORT
SEA LIFE PARK HAWAII

Moana Kai
MAUNA LANI RESORT
SEA LIFE PARK HAWAII

Hoku Welowelo
MAUNA LANI RESORT
SEA LIFE PARK HAWAII

Kolohe
MAUNA LANI RESORT
SEA LIFE PARK HAWAII

Maka Onaona
MAUNA LANI RESORT
SEA LIFE PARK HAWAII

8

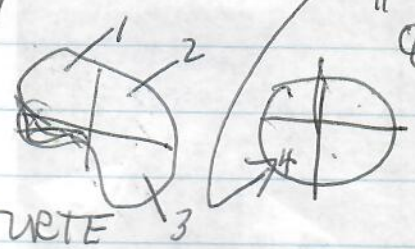
"THE MAUNA LANI 7" JULY 3, 05 Sunday (9)

ONE OF TAG NO. Present	lbs CUT	cm SCL	cm TKL	
YP05	3.9	22.4	10.0	Not all of papillae?
YP03	4.3	23.4	10.3	2 Nodules & dorsalness
YP04	4.5	24.4	10.1	not all of papillae?
YP02	3.1	21.1	9.3	Not all of papillae?
YP07	4.3	24.4	9.5	Not all of papillae
YP01	5.4	25.9	11.2	swelling dorsal
YP06	8.3	29.6	12.5	Not all of papillae

COUNTERPARTS OF 7 AT Kewalo YEARLINGS

3 from shallow Tray + 1 from "QUARANTINE" TANKS

used for "hold-the-honu Photo"



"TOUCH A MAUNA LANI TURTLE AND LET THE HONU TOUCH YOUR HEART" Booth

~ 830am → 12 NOON

13th TID

Date: Fri, 19 Jul 2002 22:32:24 -1000
From: Robert Morris <morrisr005@hawaii.rr.com>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Mauna Lani

[The following text is in the "iso-8859-1" character set.]
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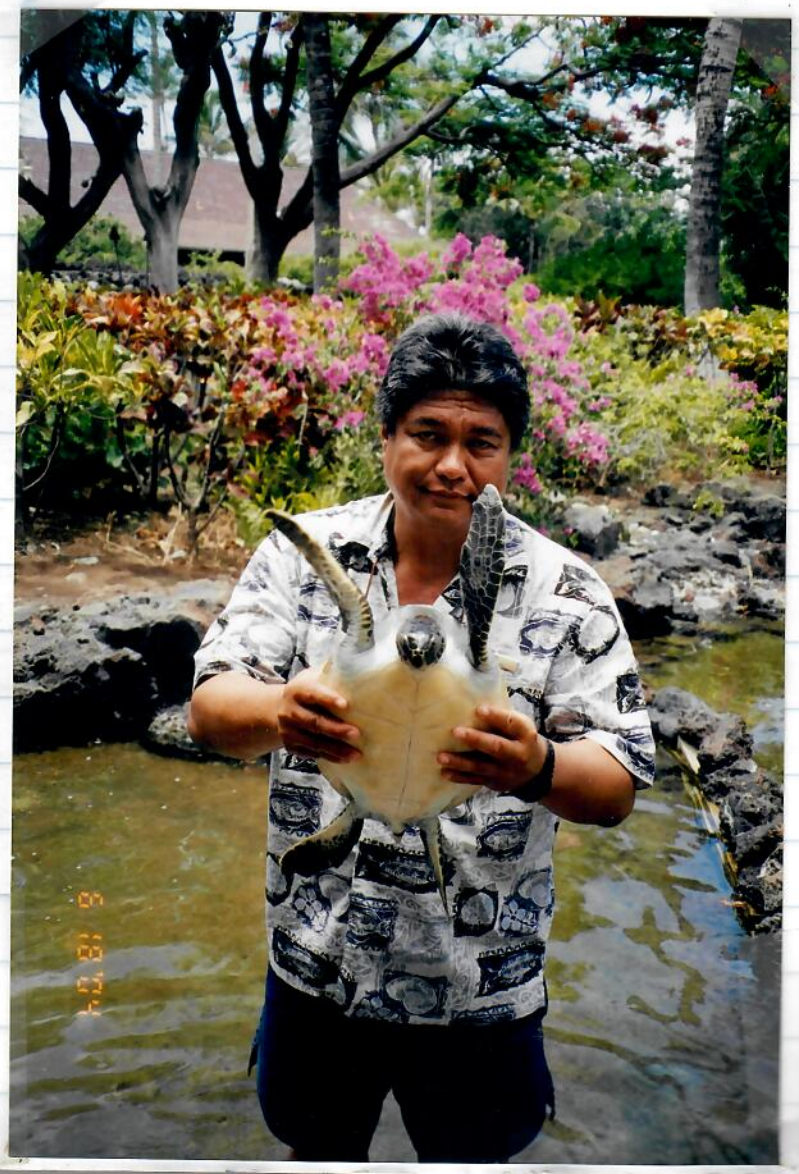
Went over today--One turtle cleared up the other 50%. It still had some tongue necrotic tissue had throat tissue that was not healed. We debrided area with cue tip and betadine. Changed AB to Baytril injections. The third turtle never got infected and looked good. Have logger but Marty had left it in the back pond where we started with the turtles--don't say it--I know! Took CBC's weights and SCL.

(11)

From: Robert Morris [mailto:morrisr005@hawaii.rr.com]
Sent: Thursday, June 27, 2002 9:15 PM
To: Sandie Patton
Cc: Greg Levine; Marty Wisner
Subject: Turtles

TD 13 Mauna Lani Redvee (I didn't go 7/4/02)

Aloha Sandie:
Just wanted to give everyone an update on the turtles. All looks well for the release July 4. The blood work came back normal and the physical exams were normal. Turtle independence day is a go!
In my exam for the 2003 releases I found throat lesions in turtles # 8 & 9. Turtle # 7 was normal. Our cytology revealed necrotic tissue and bacteria. The culture grew bacteria identified as Aeromonas. This bacteria has been associated with stomatitis in reptiles. The cause is unknown but could be associated with stress or throat trauma or other undetermined reasons. Marty has started injections of an antibiotic, Amikacin and will be making periodic checks (weekly) and keeping notes on the progress. I will come over the 2nd week in July to check them.
I received the copy of the records today-thanks.
Sorry I will miss the release but sure everyone will have a good time, especially the turtles!



(12)

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT

REPORT BY: Eric Schultheis
NAME:
DATE: 10/18/02
COPY TO: George Balaz

SLP July 2002 Hatch

ID#	WEIGHT	LENGTH	COMMENTS ON DIET
NC01	98	7.19	Pellets + Chopped Capelin/Squid
02	82	7.61	"
03	132	8.86	"
04	114	8.63	"
05	96	7.67	"
06	108	8.30	"
07	98	8.23	"
08	128	8.94	"
09	118	8.47	"
10	130	9.14	"
12	134	9.16	"
13	96	8.15	"
15	100	8.40	"
16	96	8.27	"
18	142	9.10	"
19	112	8.66	"
20	118	8.27	"
21	122	8.46	"
22	78	7.46	"
23	102	7.68	"
24	100	8.42	"
25	56	6.23	"
26	100	8.19	"
27	100	8.04	"

(13)

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT

REPORT BY: Jill Sipes
NAME:
DATE: 11/1/02
COPY TO:

ID#	WEIGHT	LENGTH	COMMENTS ON DIET
WC01	152 g	8.88cm	eating herring, capelin, squid + crushed pellets
WC02	110	8.53	
WC03	200	100.21	
WC04	148	9.65	
WC05	122	8.24	eating mainly herring, capelin, squid
WC06	1380	8.96	eating herring, capelin, squid + crushed pellets
WC07	190	9.78	
WC08	202	10.18	
WC09	190	90.84	
WC10	220	10.46	
WC11	—	—	
WC12	224	10.03	
WC13	154	9.64	
WC14	—	—	
WC15	168	9.72	
WC16	158	9.40	
WC17	—	—	
WC18	234	10.71	
WC19	182	9.95	
WC20	176	9.62	
WC21	178	9.72	
WC22	106	8.29	
WC23	162	9.55	
WC24	146	9.28	
WC25	74	6.88	
WC26	156	9.46	
WC27	142	9.16	

N=10
O = ones later taken to M.L.

11-8-02
FAX TO SANDIE PATTON
AND MARTY
FAXED 11/8/02
885-1450

(14)

N = 14

Hatchling Weights / Lengths

11/8/02

#	WEIGHT	SCL LENGTH
02	130g	9.22 cm
13	190	10.44
22	122	8.86
04	174	10.13
06	154	9.50
23	186	9.97
26	188	10.16
01	180	9.88
07	166	10.1
20	212	10.42
24	186	10.13
21	204	10.40
05	150	9.12
25	78	7.25

SEA GREPACK

JULY 2002

Eric,

Let review a HATCH process to have this info faxed out on a standard form. If you need copies, please see LO.

Mahalo
mo

GB Received 11/29/02

(15)

dvec
ML Book

HONU BUDGET

12/ 28/ 04
~ Based on present 13 turtles ~

LABOR (for 1 person / 7 days)

1st feed:	15 min.	(prep)	2nd feed:	1 hr.	(prep)
	45 min.	(feed)		45 min.	(feed)

observations:	30 min./ day	
cleaning:	30 min./ day	
records:	15 min./ day	
Honu Exam:	4 hrs./ 3 pax.	(monthly)
Atrium Cleaning	6-8 hrs / 3 pax.	(monthly)

*** 4.4 hrs per day x $21.00/ hr. (worker) x 365 days/yr. = $ 33,726.00 / yr
+ (benefits = x 0.35 = 11,804.00) = **$ 45,530.00 / year**

FOOD

Food:	(shrimp)	3.25/ lb	x	1/ wk	x	7 lbs	x	52 wks	=	1183.00
	(smelt)	1.79/ lb	x	2/ wk	x	7 lbs	x	52 wks	=	1303.12
	(squid)	1.40/ lb	x	4/ wk	x	7 lbs	x	52 wks	=	2038.40
	(spinach)	2.00/ lb	x	3/ wk	x	1 lb	x	52 wks	=	312.00
	(lettuce)	1.00/ lb	x	4/ wk	x	2 lbs	x	52 wks	=	416.00
	(ahi)									

$ 5,252.52 / yr.

$/ lb. (x) feedings/ wk. (x) 6 % body mass (x) 52 wks. = subtotal ($/ item/ yr)
summation of subtotals = TOTAL FOOD COST PER YEAR

VETERINARIAN

Veterinarian:	(2004)	6,374.27
Water Quality:	(2x / 2004)	843.79

$ 7,218.06

MISCELLANEOUS

Measuring equipment, scanners, cleaning supplies, buckets/ containers, office supplies, airline freight.

$ 5,000.00

TOTAL YEAR EXPENDITURE ***$ 65,000.00***

(16)

11/7/02 Thursday GB & AM TO ML with 10 turtles

Need TO Xerox FOR ML Book (11-07-02) Mauna Lani Resort

91

(1) WC-10 got 9th "missing" one, HAND CARRY SLP → ML

SIZE ONE TAGS

11.0 SCL N=10

JULY 2002 SLP HATCH .5 WT w/ 50lb spring scale-estimated

		SCL cm	WT lbs	
(2)	WC 08	10.9	.25	
(3)	WC 19	10.6	.25	
(4)	WC 09	10.6	.25	
(5)	WC 03	10.8	.25	
(6)	WC 12	11.1	.250	
(7)	WC 18	11.4	.25	
(8)	WC 16* *(8 centrals)	9.9	< .25	
(9)	WC 27	9.6	< .25	
(10)	WC 15* *(x-tra centrals)	10.3	< .25	

11/18 Monday 7AM Jeff and I

Visited ML - 2 with badly bitten one Rear flipper

11/22/02 Visited Friday ML SANDIE

Discussed w/ MARY

- Basking areas
- Separate Bitten
- ID visual individual
- ID Bitters
- Use Gentian Violet
- Measure 4 wks
- Feed 4 Times day + new food small pellets coming
- Educational sign
- Research web cam (security = don't show people faces)

ALL INTO ATRIUM Pond AT Mauna Lani Bay Hotel.

----- Original Message -----
From: "Marty Wisner" <mwisner@maunalani.com>
To: <morrisr005@hawaii.rr.com>
Sent: Saturday, November 30, 2002 2:15 PM
Subject: Hatchling growth...(2.2 cm. in 30 days)

Aloha some more,

Here are today's measurements:

1 WC03 - 12.6 cm

2 WC08 - 12.0 cm

3 WC09 - 12.2 cm

4 WC10 - 12.1 cm

5 WC12 - 12.9 cm

6 WC15 - 11.9 cm

7 WC16 - 11.6 cm

8 WC18 - 12.9 cm

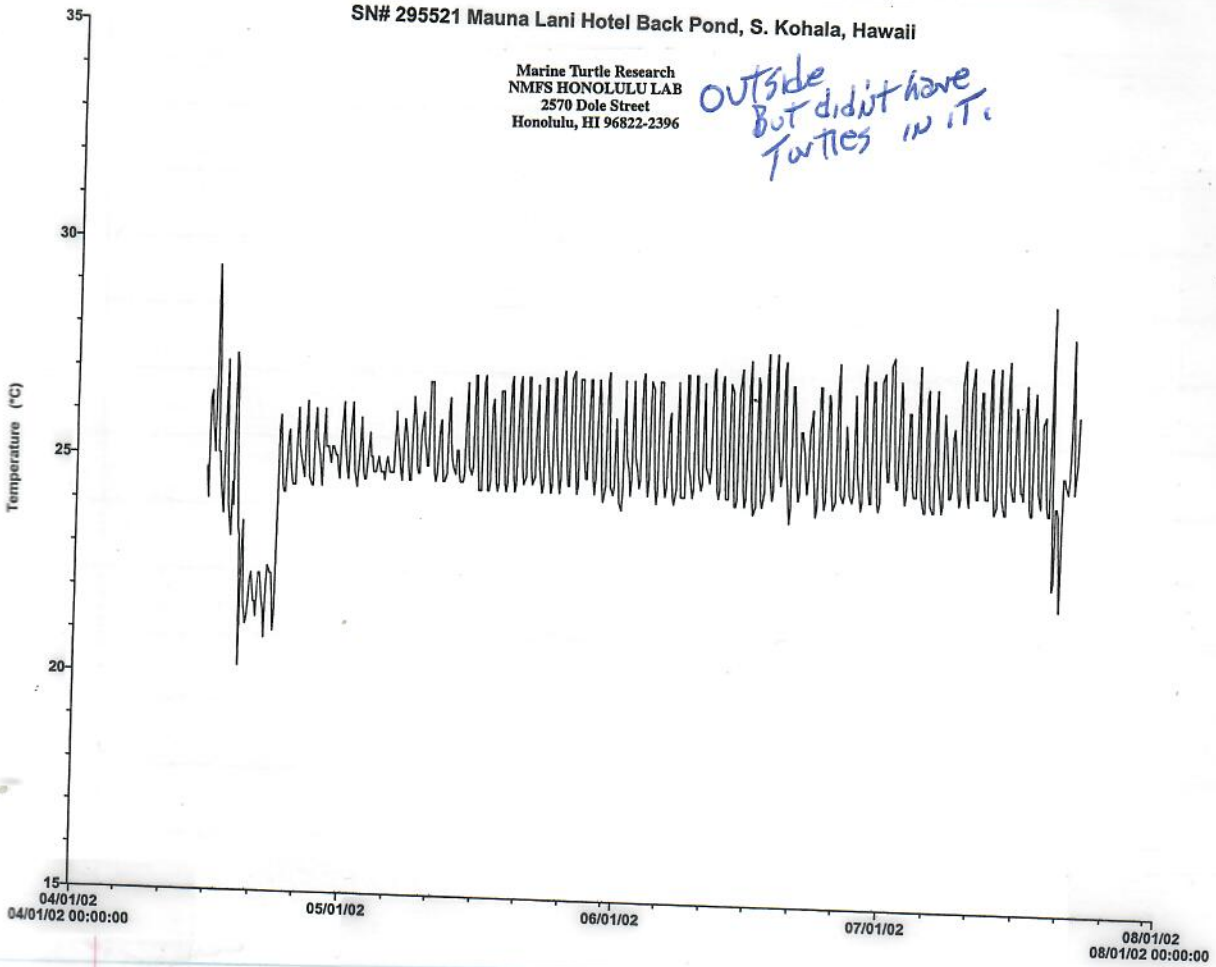
9 WC19 - 12.3 cm

10 WC27 - 11.4 cm

SN# 295521 Mauna Lani Hotel Back Pond, S. Kohala, Hawaii

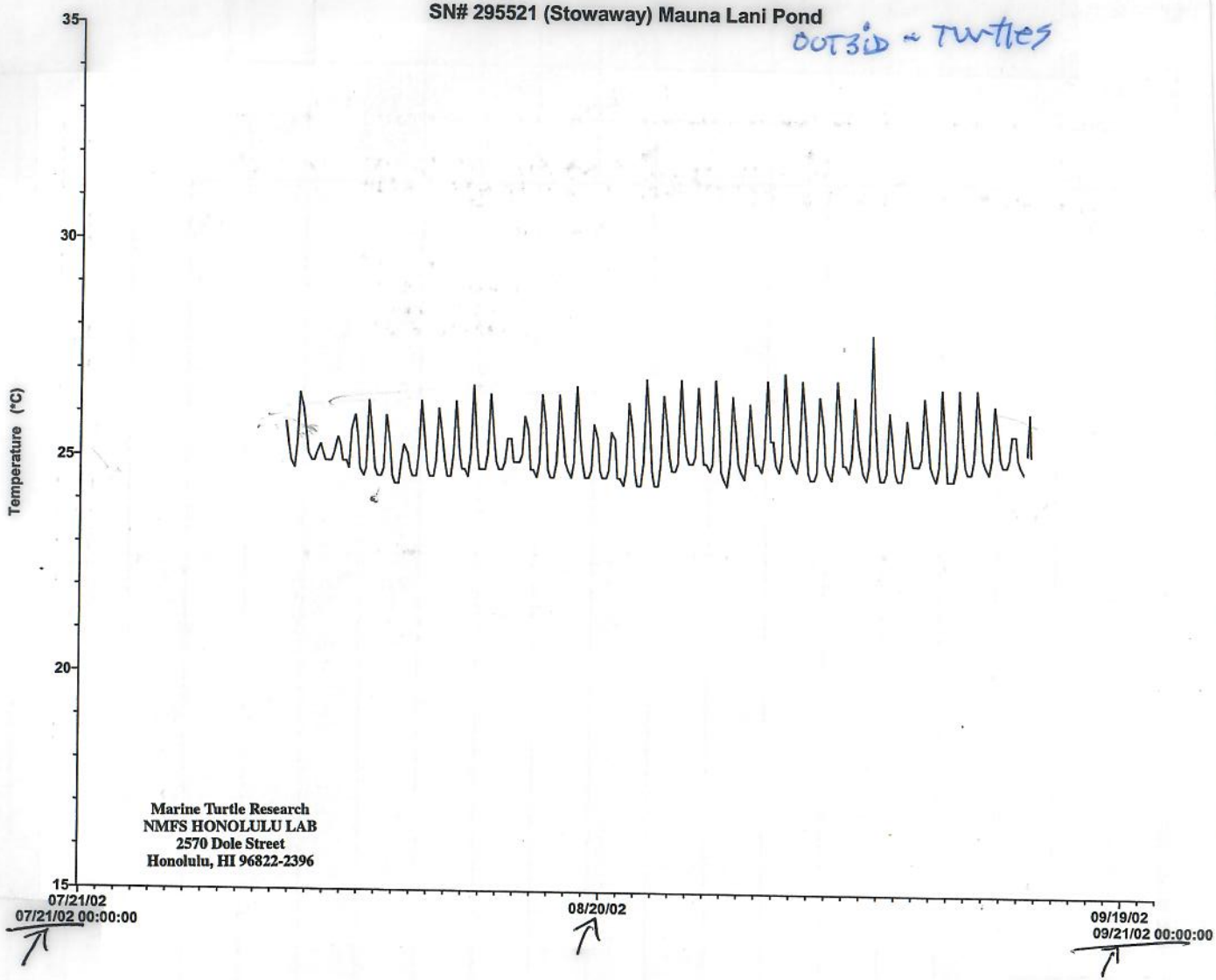
Marine Turtle Research
NMFS HONOLULU LAB
2570 Dole Street
Honolulu, HI 96822-2396

Outside
But didn't have
Turtles in it.



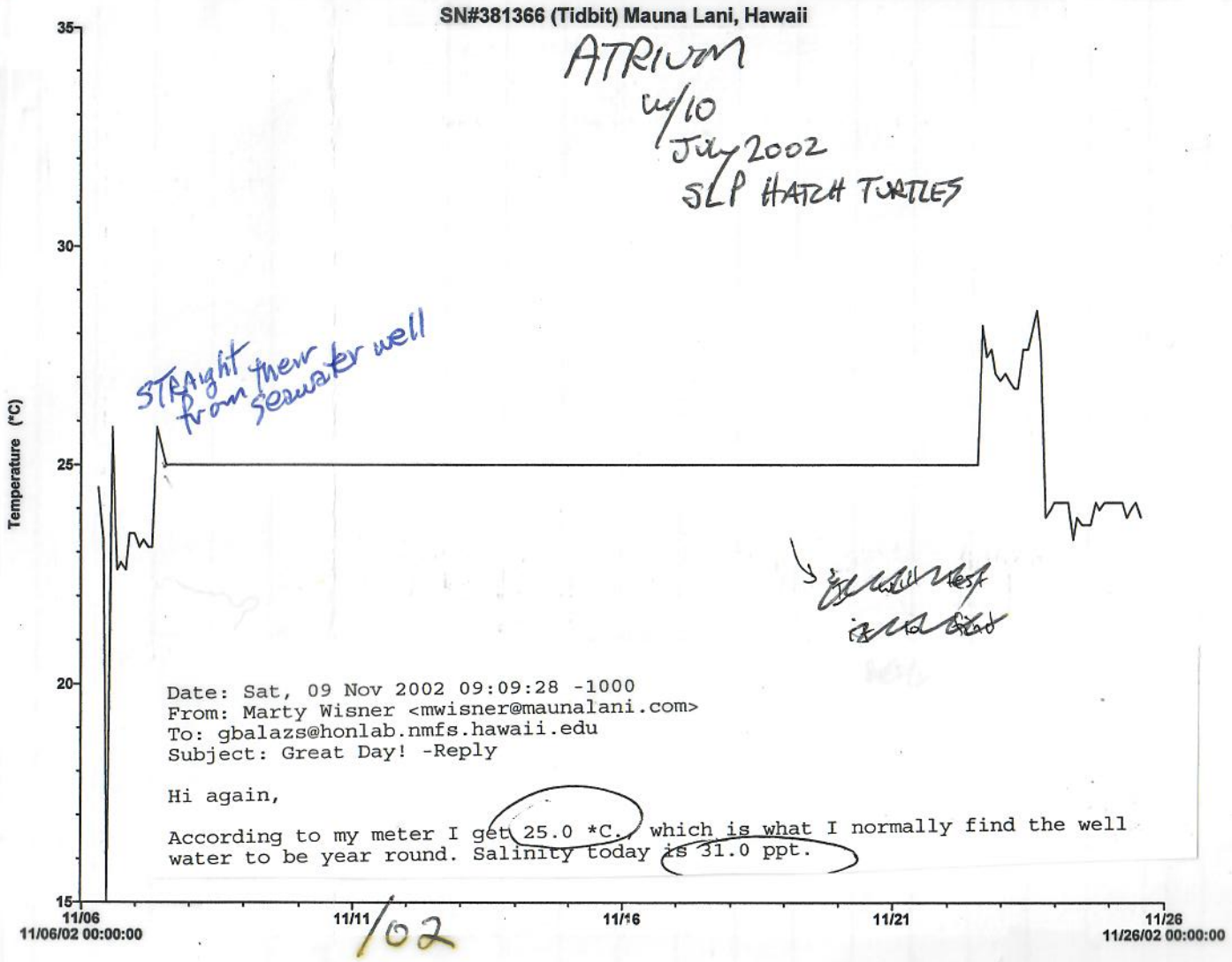
SN# 295521 (Stowaway) Mauna Lani Pond

OUTSID - TURTLES



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

8



Date: Sat, 09 Nov 2002 09:09:28 -1000
From: Marty Wisner <mwisner@maunalani.com>
To: gbalazs@honlab.nmfs.hawaii.edu
Subject: Great Day! -Reply

Hi again,

According to my meter I get 25.0 *C., which is what I normally find the well water to be year round. Salinity today is 31.0 ppt.

(22)

DEC 06 '02 01:51PM SEA LIFE PARK 808 259 7373

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT

11/8/02

ID#	WEIGHT (g)	LENGTH (cm)	COMMENTS ON DIET
WC01	180	9.88	capelin, squid, + pellets
WC02	130	9.22	
WC04	174	10.13	
WC05	150	9.12	
WC06	154	9.50	
WC07	166	10.1	
WC13	190	10.44	
WC20	212	10.42	
WC21	204	10.40	
WC22	122	8.86	
WC23	186	9.97	
WC24	186	10.13	
WC25	78	7.25	
WC26	188	10.16	✓

DEC 06 '02 01:50PM SEA LIFE PARK 808 259 7373

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT

11/20/02

ID#	WEIGHT	LENGTH	COMMENTS ON DIET
WC01	282	10.21	capelin, squid, pellets
WC02	200	10.44	
WC04	258	11.25	
WC05	228	10.58	
WC06	232	10.55	
WC07	246	11.43	
WC13	282	11.72	
WC20	312	11.66	
WC21	278	11.45	
WC22	156	9.46	
WC23	260	10.72	
WC24	262	11.36	
WC25	94	7.75	
WC26	274	11.34	

(24)

DEC 06 '02 01:50PM SEA LIFE PARK 808 259 7373

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT

11/30/02

ID#	WEIGHT	LENGTH	COMMENTS ON DIET
WC01	360	12.35	capelin, squid, pellets
WC02	262	11.47	
WC04	340	12.30	
WC05	314	11.78	
WC06	306	11.68	
WC07	330	12.59	
WC13	370	12.71	
WC20	384	12.53	
WC21	360	12.52	
WC22	196	10.07	
WC23	334	11.87	
WC24	348	12.50	
WC25	98	8.04	* note only 4 gram weight gain from 11/20
WC26	342	12.44	

DEC 06 '02 01:50PM SEA LIFE PARK 808 259 7373

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT

12/6/02

ID#	WEIGHT g	LENGTH cm	COMMENTS ON DIET
WC01	414	12.91	
WC02	292	12.02	
WC04	371	12.68	
WC05	326	12.13	
WC06	344	12.34	
WC07	382	13.22	
WC13	410	13.28	
WC20	428	13.10	
WC21	388	13.10	
WC22	224	10.60	
WC23	382	12.49	
WC24	416	13.14	
WC25	118	8.35	
WC26	378	12.78	

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT

12/13/02

REPORT BY: Jill Sipes
NAME:
DATE: 12/13/02
COPY TO: Mike Osborn
Brian Joseph
George Balazs

	ID#	WEIGHT (g)	LENGTH (cm)	COMMENTS ON DIET
1	WC01	492	13.3+	capelin, squid + pellets
2	WC02	338	12.40	
3	WC04	400	13.10	
4	WC05	380	12.60	
5	WC06	416	13.10	
6	WC07	466	13.3+	
7	WC13	436	13.3+	
8	WC20	494	13.3+	
9	WC21	432	13.3+	
10	WC22	276	11.23	
11	WC23	468	12.98	
12	WC24	510	13.3+	
13	WC25	142	8.71	
14	WC26	456	13.3+	

* for 13.3+ lengths: the turtles have exceeded the measuring capacity of our small caliber

Date: Fri, 20 Dec 2002 07:36:06 -1000
From: Marty Wisner <mwisner@maunalani.com>
To: gbalazs@honlab.nmfs.hawaii.edu
Subject: Hatchling growth - 12/19/02 -Forwarded

Measured them yesterday, Aloha, Marty
[Part 2: "Included Message"]

Date: Thu, 19 Dec 2002 14:08:31 -1000
From: Marty Wisner <mwisner@maunalani.com>
Subject: Hatchling growth - 12/19/02

12/19/02

Here we go again !

WC03 - 14.1 cm / 1.25 lbs.

WC08 - 13.2 cm / 1.0 lbs.

WC09 - 14.0 cm / 1.25 lbs.

WC10 - 13.7 cm / 1.0 lbs.

WC12 - 14.7 cm / 1.25 lbs.

WC15 - 13.9 cm / 1.0 lbs.

WC16 - 13.2 cm / 1.0 lbs.

WC18 - 14.3 cm / 1.25 lbs.

WC19 - 14.5 cm / 1.0 lbs.

WC27 - 13.0 cm / 1.0 lbs.

(28)

JAN 02 '03 12:02PM SEA LIFE PARK 808 259 7373

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT

12/21/02

ID#	WEIGHT	LENGTH	COMMENTS ON DIET
WC01	562	14.8	capelin, squid, pellets
WC02	384	12.8	
WC04	436	13.4	
WC05	430	13.6	
WC06	498	14.2	
WC07	524	14.7	
WC13	482	14.0	
WC20	560	14.5	
WC21	496	14.4	
WC22	296	11.6	
WC23	468	13.5	
WC24	556	14.4	
WC25	162	9.5	
WC26	500	14.2	

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT

1/1/03

ID#	WEIGHT	LENGTH	COMMENTS ON DIET
WC01	734	15.5	capelin, squid, pellets
WC02	448	13.7	
WC04	508	13.6	
WC05	494	15.0	
WC06	630	14.9	
WC07	656	15.6	
WC13	542	14.6	
WC20	632	15.0	
WC21	568	14.9	
WC22	342	12.5	
WC23	606	14.4	
WC24	664	15.7	
WC25	194	10.3	
WC26	598	14.9	

(30)

JAN 15 '03 12:03PM SEA LIFE PARK 808 259 7373

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT 1/15/03

ID#	WEIGHT (g)	LENGTH (cm)	COMMENTS ON DIET
WC01	812	16.6	capelin, squid + pellets
WC02	596	14.2	
WC04	622	15.5	
WC05	576	15.0	
WC06	670	15.9	
WC07	802	17.1	
WC13	610	15.6	
WC20	728	16.6	
WC21	658	16.0	
WC22	414	13.6	
WC23	666	14.1	
WC24	816	17.0	
WC25	238	10.5	
WC26	690	16.1	

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT

1/26/03

ID#	WEIGHT (g)	LENGTH (cm)	COMMENTS ON DIET
WC01	980	17.7	pellets AM, noon fish PM
WC02	1060	15.9	
WC04	1095	16.1	
WC05	1055	15.5	
WC06	785	17.2	
WC07	980	18.0	
WC13	1095	15.9	
WC20	800	16.7	
WC21	745	16.5	
WC22	485	14.0	
WC23	780	15.9	
WC24	955	17.5	
* WC25	225	10.2	last 13g since 1/15/03, Starting on Mazuri Gel
WC26	790	16.5	↓

(32)

FEB 05 '03 12:09PM SEA LIFE PARK HAWAII 808 259 737

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT 2/5/03

ID#	WEIGHT (g)	LENGTH (cm)	COMMENTS ON DIET
WC01	1112	18.2	capelin, squid, pellets
WC02	768	16.6	
WC04	806	16.4	
WC05	754	16.5	
WC06	962	13.2	
WC07	1122	19.0	
WC13	798	16.4	
WC20	884	17.3	
WC21	872	17.0	
WC22	556	14.8	
WC23	906	16.8	
WC24	1072	18.7	
WC25	266	11.5	pellets 3x/day Mazurri gel 2x/day
WC26	874	17.3	capelin, squid, pellets

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT

2/19/03

ID#	WEIGHT	LENGTH	COMMENTS ON DIET
WC01	1280	15.3	Capelin, Squid, pellets
WC02	8660	17.2	
WC04	990	17.8	
WC05	920	17.7	
WC06	1150	19.0	
WC07	1315	20.5	
WC13	935	17.7	
WC20	1070	18.7	
WC21	1010	18.1	
WC22	650	15.3	
WC23	1090	18.0	
WC24	1265	19.6	
WC25	330	12.1	Pellets 3x/day Mazurrigel 2x/day
WC26	1010	18.1	Capelin, Squid, pellets

(34)

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT

3-6-03

ID#	WEIGHT (g)	LENGTH (cm.)	COMMENTS ON DIET
WC 01	1510	20.7	± FROM LAST WEEK 2/26/03 +135g
WC 02	930	17.9	+20g
WC04	1150	18.9	+110g
WC05	1090	18.6	+100g
WC06	1335	20.0	+105g
WC07	1535	21.5	+135g
WC13	1100	19.0	+105g
WC20	1245	19.7	+120g
WC21	1175	19.04	TAG IS COMING OFF +90g
WC22	780	16.7	+70g
WC23	1245	18.9	+85g
WC24	1470	20.7	+130g
WC25	415	13.2	+35g
WC26	1175	19.5	+95g

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT 3/13/03

ID#	WEIGHT g	LENGTH cm	COMMENTS ON DIET
WC02	940	18.2	
WC04	1250	19.2	
WC06	1485	20.5	
WC24	1585	21.2	
WC07	1685	22.00	
WC20	1345	20.2	
WC21	1270	19.7	
WC05	1140	19.0	
WC01	1575	20.9	
WC25	500	13.7	Resumed Fish / Pellet Diet
WC13	1205	19.3	
WC22	855	17.1	
WC23	1355	19.4	
WC24	1315	20.0	

(36)

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT 4/10/03

ID#	WEIGHT	LENGTH	COMMENTS ON DIET
WC02	1345	20.5	2
WC06	1950	22.7	
WC20	1690	22.1	
WC05	1380	20.4	
WC04	1565	20.1	
WC01	1940	23.1	
WC07	2185	24.5	
WC24	1995	23.3	
WC21	1645	22.1	
WC23	1685	21.4	
WC22	1205	19.6	
WC25	715	15.45	
WC13	1560	22.0	
WC26	1665	22.5	

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT

4/16/03

REPORT BY: Sea Life Park
NAME: Carey Berkowick
DATE: 4/16/03
COPY TO: Mike Osbourne
NMFS
George Balla
Dr Brian Joseph

ID#	WEIGHT (g)	LENGTH (cm)	COMMENTS ON DIET
WC22	1230	19.50	2 capelin, 1 squid, ? pellets daily
* WC25	768	15.25	1 capelin, 1 squid, ? pellets daily ← The "Runt"
WC23	1805	22.00	2 capelin, 1 squid, ? pellets daily
WC13	1685	22.00	
WC02	1450	21.00	
WC20	1780	22.25	
WC06	2250	23.00	
WC05	1455	21.25	
WC04	1670	22.0	* WC04 is missing his tag!!
WC24	2090	23.50	
WC01	2050	23.25	
WC07	2340	22.90	
WC21	1735	22.40	* WC21 has a loose tag!
WC26	1775	22.90	

(38)

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT

4/23/03

ID#	WEIGHT (g)	LENGTH (cm)	COMMENTS ON DIET
WC05	1500	20.7	2 caiplin, 1 squid & pellets daily
WC06	2105	23.25	"
WC02	1585	21.3	"
WC20	1890	23.15	"
WC21	1880	23.0	"
WC24	2280	24.2	"
WC04 ~~[illegible]~~	1840	22.3	"
WC01	2245	23.9	"
WC23	1900	22.5	"
WC22	1355	20.4	"
WC25	870	16.7	1 caiplin, 1 squid + RUNT pellets ←
WC13	1850	23.1	"
WC26	1865	23.2	"
WC07	2350	23.0	"

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT 5-8-03

REPORT BY:
NAME:
DATE:
COPY TO:

ID#	WEIGHT (g)	LENGTH (cm)	COMMENTS ON DIET	Weight Change from 2 wks ago
WC05	1710	21.7	2 capelin, 1 squid + pellets	+210g
WC06	2255	24.0		+150g
WC02	1865	22.7		+80g
WC20	2110	23.4		+120g
WC07	2795	26.4		+345g
WC01	2500	25.0		+255g
WC04	2000	23.5		+160g
WC24	2475	25.8		+195g
WC21	2085	23.4		+165g
WC23	2085	23.1		+185g
WC22	1480	21.0		+125g
WC25	1035	17.8	1 capelin, 1 squid + pellets	+165g
WC13	2095	24.3	2 capelin, 1 squid + pellets	+245g
WC26	2105	24.2		+240g

(40) N=14

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT

5/27/03

REPORT
NA
DA
COPY

Prev. ID#	New ID# ID#	g WEIGHT	cm LENGTH	COMMENTS ON DIET	Weight Change from 5-8-03
WC22	WI24	1695	22.4	1 squid, 2 capelin, ? pellets	+215
WC24	WI23	2835	26.5		+360
WC01	WI22	2855	26.1		+355
WC13	WI21	2380	25.8		+285
WC21	WI20	2445	26.0		+360
WC25	WI19	1250	18.9	1 squid, 1 capelin, ? pellets	+215
WC07	WI18	3090	27.7	1 squid, 2 capelin, ? pellets	+295
WC04	WI17	2375	24.7		+375
WC06	WI16	2495	24.9		+240
WC20	WI15	2305	24.8		+185
WC02	WI14	2215	23.9		+350
WC23	WI13	2450	24.6		+365
WC05	WI12	1845	22.6		+135
WC26	WI11	2495	25.8		+390

Page 1 of 2

GB, Cody Howen & Emilie Grau

PIT Tagged all 14 9/02 hatched turtles.

6-27-03 Friday SLP

Paul's classmate Sara works at SLP

Mototool/ID		LHF	RH
#1	1	44544E0F26	Not Done
2	2	44533F2516	Not Done
3	3	4454126E29	Not Done
4	4	4454051B07	445425374F
5	5	443A1A3E72	44542E6C3D
6	6	4455112435	445215237B
7	7	44526B1D48	445521333D
8	8	44544A0A13	4452501472
9	9	4452597934	44541D0C4F
10	10	44540F1F2D	4454674F0B
WI12/WC05	Not mototooled	4454457740	4454064335
WI19/WC25	Not mototooled	445473205A	4438572504

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

(42) 6/27/03 PAGE 2
SLP PIT TAG Application

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

Moto/Tag#	LHF	RHF	
Size/Tags.			
WC13/WI23	4452707A77	44537E2440	NOT mototoole on display (gallery)
WC26/WI11	44521E535B	44545B3822	NOT Mototoole feature tank (outside)

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT

For Mauna Lani
10 Turtles
Moto Tooled
6/19/03 #1-10
3rd lateral right

REPORT BY: Sea Life Park
NAME: Carey Borkowic
DATE: 6-19-03
COPY TO: Mo
Dr. Joseph
George Balaz

ID# (Size/Tag)	WEIGHT (g)	LENGTH (cm)	COMMENTS ON DIET	
WI 11	3020	27.2	2 capelin, 1 squid, pellets	STAYING AT SLP
WI 12	2145	23.7		" "
WI 13	2865	25.7		" "
WI 14	2615	25.6	Moto tooled "1" 3rd lateral right	WC02
WI 15	2580	25.9	Moto "7" 3rd lat. (R)	WC20
WI 16	2940	26.4	Moto "2" 3rd lateral (R)	+ WC06 (R)
WI 17	2855	26.2	"8" - 3rd lat. (R)	+ ~~WC~~
WI 18	3825	29.2	"9" - 3rd lat. (R)	+ WC07
WI 19	1465	20.2	1 capelin, 1 squid, pellets	Staying at SLP
WI 20	2825	26.8	2 capelin, 1 squid, pellets	"6" 3rd lateral (R) + WC21
WI 21	2900	27.3	"3" - 3rd lateral (R)	+ WC13
WI 22	3419	26.9	"4" - 3rd lateral (R)	WC01
WI 23	3480	28.3	"10" - 3rd lat. (R)	WC24
WI 24	2050	23.9	"5" - 3rd lateral (R)	WC22

Sea Life Park captives - Hatched 9/02

SEA LIFE PARK HAWAII
ANIMAL PROGRAMS - AQUARIUM
WEEKLY GST HATCHLING REPORT

REPORT BY: Carey Berkowick
NAME: Sea Life Park
DATE: 5/10/03
COPY TO: NMFS
G. Balaz
MO

ID#	WEIGHT (g)	LENGTH (cm)	COMMENTS ON DIET	Weight change from 5/27/03 (in grams)
WI 14	2470	25.0	2 capelin, 1 squid & pellets	+256
WI 13	2720	25.3	↓	+270
WI 19	1405	20.0	1 capelin, 1 squid & pellets	+155
WI 15	2465	25.3	2 capelin, 1 squid & pellets	+160
WI 24	1915	23.3		+220
WI 18	3575	29.4		+455
WI 12	2050	23.1		+445
WI 23	3235	27.6		+400
WI 20	2045	26.0		+200
WI 16	2785	26.0		+290
WI 22	3145	26.7		+290
WI 17	2730	25.5		+355
WI 11	2775	26.3		+240
WI 21	2805	26.9		+425

DATA ON TURTLES TO BE SHIPPPED TO THE MAUNA LANI

6/19/03

LF Tag #	Turtle #	Wt (grams)	Length (cm)	RF Old Tag	Pit Tag
WI 14	1	2615	25.6	Wc 02	
WI 16	2	2940	26.4	Wc 06	
WI 21	3	2900	27.3	Wc 13	
WI 22	4	3419	26.9	Wc 01	
WI 24	5	2050	23.9	Wc 22	
WI 20	6	2825	26.8	Wc 21	
WI 15	7	2580	25.9	Wc 20	
WI 17	8	2855	26.2	No tag	
WI 18	9	3825	29.2	Wc 07	
WI 23	10	3480	28.3	Wc 24	

Subject: Sea Life turtles (fwd)
Date: Sat, 21 Jun 2003 15:50:24 -1000
From: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
To: George Balazs2 <gbalazs@s360.swfc2.nmfs.gov>

where to put the turtles

---------- Forwarded message ----------
Date: Sat, 21 Jun 2003 13:17:14 -1000
From: Robert Morris <morrisr005@hawaii.rr.com>
To: Marty Wisner <mwisner@maunalani.com>, Sandie Patton <spatton@maunalani.com>
Cc: Mike Osborn <SLPMOSBORN@aol.com>,
George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Sea Life turtles

Aloha Marty and Sandie:
I have attached the data for the new turtle arrivals. George & I moto tooled numbers 1-10 on the right 3rd lateral for ID purposes. These turtles are all converted to 90% pellets and should be easy to get on all pellets. I propose that all the new turtles be placed in the outside pool with the releases. One or two days of a lot of turtles should be OK (with careful observation for any problems).
The inside turtles can stay in place until after the 4th and I propose that 4 or 5 could be moved to the pond on the other side of the main pond (left side of bridge). This will reduce the inside population and hopefully the fin nipping. If this is a problem partitions will have to be made. If this proposal presents any problems healthwise to the turtles please call me for discussion.
Continued efforts to convert the older residents to pellets should be continued.
Marty-do we have the recent weights and measurements from the inside residents? This should be completed before the 4th.
Fell free to call me if any problems crop up.
Bob Morris DVM

ML TURTLES

Turtle ID	WC03	WC08	WC09	WC10	WC12	WC15	WC16	WC18	WC19	WC27
lbs./ cm.	Wt./ SCL	Wt./ SCL	Wt./ SCL	Wt./SCL	Wt./ SCL	Wt./ SCL	Wt./ SCL	Wt./ SCL	Wt./ SCL	Wt./ SCL
DATE										
11/7/02	.25 / 10.8	.25 / 10.9	.25 / 10.6	.50 / 11.0	.50 / 11.1	.25 / 10.3	.25 / 9.9	.25 / 10.6	.25 / 10.6	.25 / 9.6
11/30/02	/12.6	/12.0	/12.2	/ 12.1	/12.9	/11.9	/11.6	/12.9	/12.3	/11.4
12/19/02	1.25/ 14.1	1.00 /13.2	1.25 /13.7	1.00 /13.7	1.25 /14.7	1.00 /13.9	1.00 /13.2	1.25 /14.3	1.00 /14.5	1.00 /13.0
1/17/03	1.50/ 15.9	1.50 /15.2	1.50 /15.7	1.50 /15.6	1.75 /16.8	1.50 /15.8	1.25 /15.0	1.50 / 16.1	1.25 /15.2	1,25 /14.8
2/18/03	2.0 /17.9	1.75 /17.3	1.75 /17.7	2.0 /18.0	2.25 /19.1	2.0 /18.3	1.50 /17.5	2.0 /18.7	1.50 /17.3	1.50 /17.1
3/12/03	2.75/19.4	2.25/ 18.7	2.50 /19.5	2.50/ 19.3	3.0 / 20.6	2.50 /19.7	2.25 /19.2	2.50/19.8	2.25 /18.9	2.0 / 18.7
4/10/03	3.5 / 21.0	3.25/ 20.4	3.5 / 21.5	3.25/ 21.3	3.5 / 22.4	3.5 / 21.6	3.0 / 21.8	3.5 / 21.6	3.25/ 20.9	3.0 / 20.5
5/2/03	3.75/ 22.3	3.5 / 21.7	4.0 / 23.0	3.75/ 22.5	4.5 / 23.9	4.0 / 23.1	3.5 / 22.2	3.75/ 23.0	3.75/ 22.4	3.0 / 21.9
6/25/03	5.0 / 25.1	4.75/ 24.2	5.25/ 25.7	5.0 / 25.3	5.75/ 26.6	4.75/ 25.7	5.0 / 25.8	5.5 / 26.4	5.5 / 25.6	4.5 / 24.7

Date: Fri, 27 Jun 2003 13:56:12 -1000
From: Sandie Patton <SPATTON@maunalani.com>
To: gbalazs@honlab.nmfs.hawaii.edu
Subject: Honu names...

TID 14 ⁴⁄₄

George,

Following are the 12 Hawaiian names that Danny has selected, along with their meanings. In typical Danny fashion, he has selected 12 names because he wanted to make sure that each turtle is assigned an appropriate name--depending on its individual personality, appearance, mission, etc. The only one which has already been assigned is "Kamalani"--which is, of course, our smallest honu. Danny will personally assign names to each of the other honu, early on the morning of July 4.

1) 'Akahi: the 1st or # 1 — Ngei, Release (According to
2) 'Eleu: Quick, nimble, alert — Kukui'i release (MARC's Video)
3) Kamalani - Little one
4) Hoku - Star
5) Ho'okele - Navigator
6) Makali'i - Constellation
7) Kai 'Ewalu - Seas surronding the Islands
8) Moana Nui - The Open Sea
9) Kilolani - Star Gazer
10) Lanakila - Victorious
11) Hokule'a - Star of Gladness
12) Holo Kai - Sea Traveler

3yr

50

KIRK AIDER / MAUNA LANI RESORT

Big Island residents and visitors helped give eight green sea turtles a send-off yesterday at Mauna Lani Resort on the Big Island's Kohala Coast. The captive-bred turtles lived for two years in saltwater ponds at the resort.

Sea turtles' release thrills Big Isle crowd

By Diana Leone
dleone@starbulletin.com

Eight green sea turtles raised in captivity were released into the wild yesterday off the Big Island's Kohala Coast as part of "Turtle Independence Day."

The 20- to 25-pound animals were bred and hatched at Oahu's Sea Life Park and raised for the past two years in saltwater ponds at Mauna Lani Resort, said George Balazs, the National Marine Fisheries Service turtle researcher who supervises the program.

The turtles were collected yesterday from the pools where they lived at the resort, checked for healthiness, then honored with speeches by dignitaries including U.S. Sen. Daniel Akaka and by hula dancers, Balazs said.

The animals were taken by decorated golf cart to the water's edge and released to cheers of an estimated 1,500 onlookers, Balazs said.

"We're having a wonderful turtle day," Balazs said. "Dozens of children have seen the turtles."

Balazs knows that at least some of the turtles released in prior years are doing well, because they are still transmitting signals via satellite tracking tags. This year's group of turtles did not have satellite tracking devices, but they do have tags that will identify them if they are caught by researchers in the future, he said.

Balazs, recognized worldwide as an expert in green sea turtles, has a soft spot in his heart for the creatures.

"Last night, my wife and I were walking on the beach, and this young couple was getting married," Balazs said yesterday from the Big Island. "A wild turtle was sleeping on the beach, not too far from where they were getting married. I said, 'This is the way it's supposed to be — turtles and people living together.'"

Since the Mauna Lani started its turtle program, it has nurtured more than 100 juvenile honu in its ponds before releasing them into the ocean.

52

KAHAL HILTON Oahu

Turtle Tattoo on left shoulder back 2 pictures

11/10/03 Intern at Dolphin Quest

Raised in Tahiti & Hawaii — works on Barefoot charter KBAY.

Assisted

Ka'aikaula Naluai
45-1047 Pahuwai Pl.
Kaneohe, Hi 96744
e-mail: maya1907@hotmail.com
(808) 375-5544

SHKM
K.S. Cheung
GHB
Released BY USCG 750AM
= Thursday 11/13/03 15 mile off oahu's south shore same as SAT 23176

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

SEA TURTLE TAGGING FORM

"Named OHIA"
Lat=
Long=

SLP Hatch

DATE FORM FILLED OUT 11/10/03

CAPTURE DATE, LOCATION AND METHOD:
11/10/03 Monday KAHALA (Mandarin Orient Hotel).

PERSON RECORDING DATA: BM

TUMOR SCORE: 0

ORAL TMRS EXT: YES OR NO: —

EMACIATION CODE: 0

OLD TAGS:
LHF 425001 4936
RHF 4232 0A1B7C
SAT 23542

NEW TAGS:
RFL
LFL

STRAIGHT CARAPACE - LENGTH: 51.2 cm
WIDTH: 39.6 cm
NOTCH LENGTH: 51.2 cm
DB: 0 L.O.
VB: 0 L.O.
CURVED CARAPACE LENGTH: 55.5 cm
WIDTH: 47.0 cm
HEAD WIDTH: 7.6 cm
AXIAL: — cm
LATERAL: — cm
PPS: YES OR NO OR NE
SEX: Male, Female or Undetermined: U
TAIL LENGTH: T cm
C cm
RIGHT FRONT FLIPPER WIDTH: 9.2 cm
PLASTRON LENGTH: cm
WEIGHT: 57.0 12.2 44.8 — 44.0 #

SAMPLES COLLECTED:
Need Blood

DESCRIPTIVE REMARKS: NOTE:
NO MOTO TOOL
ST18 ON 12/48 OFF
Antenna posterior.

ARGOS ID
23542 Satellite #
Telonics # 519278

10AM - 12NOON attached with
Dolphin Quest Staff, Bridget and K.S. Cheung
3 Layers with CASTRO and small piece of Kevlar on front.

MAGNET put back on with Resin/Fiberglass and duct TAPE.
Turtle Returned TO POND by itself - NO ULUA.

My Business card on RIGHT SIDE OF ST18 + "OHIA" marking PEN on card on TOP OF TRANSMITTER.

11/11/03
Visited Turtle and took pictures. Looks Good.

(54)

Released = 11/17/03 on the beach at Kahala - Swam Straight OUT

Rev: 1

SLP Hatch

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

Name "Koa"

Released by Dolphin Quest Staff Dielle HAVLIS

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 11/10/03

CAPTURE DATE, LOCATION AND METHOD:

11/10/03 Monday Kahala (Mandarin Oriental Hotel)

PERSON RECORDING DATA: DM

TUMOR SCORE: 0

ORAL TMRS EXT: YES OR NO: —

EMACIATION CODE: 0

OLD TAGS:
LHF 425Ø1B7C2E
RHF 423A382923

NEW TAGS:
RFL
LFL

STRAIGHT CARAPACE - LENGTH: 49.2 cm WIDTH: 36.3 cm

NOTCH LENGTH: 49.Ø cm DB: 0 L.O. VB: 0 L.O.

CURVED CARAPACE LENGTH: 53.Ø cm WIDTH: 43.Ø cm

HEAD WIDTH: 7.5 cm AXIAL: — cm LATERAL: — cm

PPS: YES OR NO OR NE: Y

SEX: Male, Female or Undetermined: U

TAIL LENGTH: T 13.5 cm C 9.Ø cm (Possible lengthening to tail)

RIGHT FRONT FLIPPER WIDTH: 8.Ø cm

SAMPLES COLLECTED: Blood for DNA in cryotube w/DMSO

PLASTRON LENGTH: 39.9 cm

WEIGHT: 44.8 #

DESCRIPTIVE REMARKS:

~~MT HH on 5th Central~~ Mototool "K" New on 5th Central.

Need- foam in Boxes (AIR balls?) for Boat.

START (56)

SHKM
K.S. Cheung
GHB

Released 11/13 750AM by USCG
15 Miles South shore Oahu

Revised 04/04/01

name "Niumalu"

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

MT 15
3rd lateral Right

same as SAT 23177

Lat. =
Long. =

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 11 / 12 / 03

CAPTURE DATE, LOCATION AND METHOD:

11-12-03 Mauna Lani

PERSON RECORDING DATA:

TUMOR SCORE: Ø

ORAL TMRS EXT: YES OR NO: –

EMACIATION CODE: Ø

OLD TAGS:
WC12 (R)
None (L)

NEW TAGS:
RFL SAT 23177
LFL 43477C765C
442D5F6B5C

STRAIGHT CARAPACE - LENGTH: 33.8 cm
WIDTH: 26.9 cm

NOTCH LENGTH: 33.7 cm
DB: Ø L.O.
VB: Ø L.O.

CURVED CARAPACE LENGTH: 36.5 cm
WIDTH: 30.5 cm

HEAD WIDTH: 5.6 cm
AXIAL: 14.5 cm
LATERAL: 14.9 cm

PPS: YES OR NO OR NE: N

SEX: Male, Female or Undetermined: U

TAIL LENGTH: T cm C cm

RIGHT FRONT FLIPPER WIDTH: 5.9 cm

SAMPLES COLLECTED: Blood in DMSO

PLASTRON LENGTH: 28.5 cm

SPOT 3 attached

WEIGHT: 13.5 # lbs

W/3 coats of fiberglass cloth and resin 11/12/03.

DESCRIPTIVE REMARKS:

20.5
7.0
13.5

ST Argos 23177
WC# 0253003

Released 11-13-03 750 AM by "Na Kai Ewalu" USCG

15 miles off south shore Oahu at 21°06.49'N 157°57.8'W

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

SEA TURTLE TAGGING FORM

MT 4 3RD Lateral Right

DATE FORM FILLED OUT 11/12/03

SKKM
K.S. Cheng
GHB

CAPTURE DATE, LOCATION AND METHOD: 11-12-03 Mauna Lani

PERSON RECORDING DATA:

TUMOR SCORE: Ø

ORAL TMRS EXT: YES OR NO: –

EMACIATION CODE: Ø

OLD TAGS:
WC 01 (R)
WI 22 (L)
(L) 4454051B07
(R) 4454253T4F
→ hind

NEW TAGS:
RFL 4: SAT 23176
LFL

STRAIGHT CARAPACE - LENGTH: 33.6 cm WIDTH: 28.3 cm

NOTCH LENGTH: 33.5 cm DB: Ø L.O. VB: Ø L.O.

CURVED CARAPACE LENGTH: 36.0 cm WIDTH: 32.0 cm

HEAD WIDTH: 5.9 cm AXIAL: 13.7 cm LATERAL: 13.9 cm

PPS: YES OR NO OR NE: Y

SEX: Male, Female or Undetermined: U

TAIL LENGTH: T cm C cm

RIGHT FRONT FLIPPER WIDTH: 6.4 cm

SAMPLES COLLECTED: Blood in DMSO

PLASTRON LENGTH: 28.7 cm

WEIGHT: 13.1 lbs

DESCRIPTIVE REMARKS: SPOT 3 attach w/ 3 coats of fiberglass cloth and resin 11/12/03

01
24.0
7.9
13.1

Argos# 23176
WC# 0253002

Date: Tue, 11 Nov 2003 17:07:19 -1000
From: Sandie Patton <SPATTON@maunalani.com>
To: gbalazs@honlab.nmfs.hawaii.edu
Subject: Honu names

Hi George,

I received your message...and these are the names selected by Danny, Pii and crew:

NIU MALU

1. Niu Malu - meaning: under the protection of the coconut trees. (Because the honu would often swim in the shade of the coconut trees...and the trees have heavy symbolism re "protection")

2. Na Kai 'Ewalu - meaning: 8 seas, poetic reference to the seas surrounding the 8 main islands of Hawaii

Here's wishing you a safe and successful release...wish I was coming, too!!

Aloha,
Sandie

NA KAI EWALU

PII

LAEHA

(60)

Date: Mon, 6 Oct 2003 16:52:42 -1000
From: Robert Morris <morrisr005@hawaii.rr.com>
To: pI'I <plaeha@maunalani.com>
Cc: Sandie Patton <spatton@maunalani.com>,
George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: turtle growths

Reduce ML

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

Book

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

Aloha:
Noted that I left out the data for turtle # 12--scl 29.2, Wt. 8 lbs 8 oz.
Please add this to the records I mailed.
Noted that the growth increase for the inside turtles was more than 2x that of the outside turtles. Also that the outside turtles growth increases were 1/2 as much as previous increases. Don't know significance of this- maybe inside turtles get more attention & food.
Will discuss this with George.

Bob

Date: Mon, 07 Jul 2003 23:36:08 -1000
From: Pi'i Laeha <plaeha@maunalani.com>
To: gbalazs@honlab.nmfs.hawaii.edu
Subject: Re: Akahi with 1 on shell, or Kukini with 2 on shell?

Aloha George,
Mahalo for your mana'o this past week. Noriko released #1 (Akahi) and I released #2 (Kukini). Francis did the little guy, "Keiki". I look forward to working with you!

Mahalo.....Pi'i

Reduce NZ

>>> "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu> 07/07/03 10:34PM >>>
Aloha Pi'i, it was great to work with you these past few days!

Can you please tell me, when the turtles were released from the boat, which turtle did you release, and which one did my Japan guest Noriko release? Best Regards, George

Date: Mon, 7 Jul 2003 21:55:23 -1000
From: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
To: Mauna Lani Sea Adventures <winona@hawaiiseaadventures.com>
Subject: Re: Turtle Sighting

Dear Sherry, I am Very Appreciative, thank you kindly for writing this info to me! If any added sightings are made, please continue to remember me. Warm Aloha, George


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


Refuse
22270

On Mon, 7 Jul 2003, Mauna Lani Sea Adventures wrote:

> Aloha George, 2003
> On March 13th one of our dive instructors, Andrew Price, spotted our turtle
> ("3"). It was during a night dive around 8:30 pm at Finger Reef, the first
> dive site north of us and in front of the Eva Parker Woods Cottage. He took
> notice that the Turtle looked heathy, mellow, and relaxed. He also notice
> of course that she did not have the transmiter, but it did have the glue
> fragments. Unfortunitly no one has spotted her since then. We will keep
> our eyes open and let you know of any further sightings.
> Mahalo & Aloha
> Sherry Hewitt
> Office Manager / Sales Director
> Direct Email: sherry@hawaiiseaadventures.com
> Company Email: winona@hawaiiseaadventures.com
> Website: www.hawaiiseaadventures.com
> Telephone: (808) 885-7883
> Fax: (808) 885-8848
> Address: Mauna Lani Sea Adventures, Inc.
> 68-1400 Mauna Lani Drive
> Kohala Coast, Hawaii 96743
>

(64)

Low
X2, 8, 17, 18,

Susan Bredo
(1) KIDS swimming pool?
(2) Litter?

N=12

Honu I.D.
(P.I.T. TAGS)

#20	WI 30	442D1C5D1D
#21	**WI 32**	**442F6C6D0D**
#22	**WI 33**	**442F516C1A**
#23	WI 36	442F410A22
#24	WI 37	4523245A7D
#25	WI 39	4528395B64
#26	WI 40	452A01090C
#28	**WI 46**	**45231C7A52**
#29	WI 48	4527544952
#30	**WI 64**	**4524161C79**
#37	**WI 75**	**45236E7673**
#38	**WI 93**	**452304285A**

N=15 approximately 2 years old

Revised 04/04/01

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

Hatched 8/2/02 SLP

EXISTING MT 1

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT , Released 7-4-04 TID

CAPTURE DATE, LOCATION AND METHOD:

6/23/04 MAUNALANI Captive

PERSON RECORDING DATA: Pi'i

TUMOR SCORE: 0

ORAL TMRS EXT: YES OR NO: —

EMACIATION CODE: 0

OLD TAGS: LF 44544 EOF 26; WI14

NEW TAGS: RF 45256A362D; LF

STRAIGHT CARAPACE - LENGTH: 39.7 cm

WIDTH: — cm

NOTCH LENGTH: — cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH: 40.0 cm

WIDTH: — cm

HEAD WIDTH: — cm

AXIAL: — cm

LATERAL: — cm

PPS: YES OR NO OR NE: —

SEX: Male, Female or Undetermined: U

TAIL LENGTH: T — cm

C — cm

RIGHT FRONT FLIPPER WIDTH: — cm

PLASTRON LENGTH: — cm

WEIGHT: 15.1 lbs

SAMPLES COLLECTED: Blood IN; DMSO TOT; DNA

DESCRIPTIVE REMARKS:

7 centrals
5 laterals
left

forms/tagging.xls

(66)

Hatched 8/2/02 SLP

Revised 04/04/01

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EXISTING MT 2

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6.23.04 Released 7-4-04 TID

CAPTURE DATE, LOCATION AND METHOD:

6/23/04 Mauna Lani Captive

PERSON RECORDING DATA: Rice

TUMOR SCORE: 0

ORAL TMRS EXT: YES OR NO: —

EMACIATION CODE: 0

OLD TAGS: 44533F2516 / WI16 / MT #2

NEW TAGS: RF 4526793F44 / LF

STRAIGHT CARAPACE - LENGTH: 36.2 cm WIDTH: — cm

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

CURVED CARAPACE LENGTH: 39.0 cm WIDTH: cm

HEAD WIDTH: — cm AXIAL: — cm LATERAL: — cm

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

TAIL LENGTH: T — cm C — cm

RIGHT FRONT FLIPPER WIDTH: — cm

PLASTRON LENGTH: — cm

WEIGHT: 14.1 #

SAMPLES COLLECTED: Blood IN DMSO for DNA

DESCRIPTIVE REMARKS: 6 central scutes
5 Laterals (L&R)

Hatched 8/2/02 SLP

Revised 04/04/01

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Marine Turtle Research
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Honolulu, HI 96822-2396

MT3

EXISTING MT3

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6,23,04 Released 7-4-04 TID

CAPTURE DATE, LOCATION AND METHOD: Manna Cove Capture 6/23/04

PERSON RECORDING DATA: Rii

TUMOR SCORE: 0

ORAL TMRS EXT: YES OR NO: —

EMACIATION CODE: 0

OLD TAGS: 4454126829 / WI21 / ~~MT3~~

NEW TAGS: RFI 45260D255E / LFL

STRAIGHT CARAPACE - LENGTH: 35.2 cm

WIDTH: — cm

NOTCH LENGTH: — cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH: 37.5 cm

WIDTH: — cm

HEAD WIDTH: — cm

AXIAL: — cm

LATERAL: — cm

PPS: YES OR NO OR NE: —

SEX: Male, Female or Undetermined: U

TAIL LENGTH: T — cm

C — cm

RIGHT FRONT FLIPPER WIDTH: — cm

PLASTRON LENGTH: — cm

WEIGHT: 13.0 #

DESCRIPTIVE REMARKS:

SAMPLES COLLECTED: Blood in DMSO for DNA

forms/tagging.xls

68

Hatched ~~Batched~~ 8/2/02 SLP

Existing MT5

Revised 04/04/01

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

SEA TURTLE TAGGING FORM

(12)

DATE FORM FILLED OUT 6 23,04 Released 7-4-04 TID

CAPTURE DATE, LOCATION AND METHOD: 6/23/04 Manna Lani Captive

PERSON RECORDING DATA:

TUMOR SCORE: 0

ORAL TMRS EXT. YES OR NO: —

EMACIATION CODE: 0

OLD TAGS:
LH 443A1A3E72
RH 44542E6C3D
WI 24
~~MT #5~~

NEW TAGS:
RFL
LFL

STRAIGHT CARAPACE - LENGTH: 17.8 cm

WIDTH: — cm

NOTCH LENGTH: — cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH: 40.5 cm

WIDTH: — cm

HEAD WIDTH: — cm

AXIAL: — cm

LATERAL: — cm

PPS: YES OR NO OR NE: —

SEX: Male, Female or Undetermined: U

TAIL LENGTH: T — cm

C — cm

RIGHT FRONT FLIPPER WIDTH: — cm

PLASTRON LENGTH: — cm

WEIGHT: 38.2 #

SAMPLES COLLECTED:
Blood IN
DMSO for
DNA

DESCRIPTIVE REMARKS: 7 central
6 R lateral
5 L lateral

Revised 04/04/01

Hatched 8/2/02 SCP (11)

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

EXISTING MT6

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/23/04 Released 7-4-04 TID

CAPTURE DATE, LOCATION AND METHOD: 6/23/04 Mauna Lani Captive

PERSON RECORDING DATA:

TUMOR SCORE: 0

ORAL TMRS EXT: YES OR NO: —

EMACIATION CODE: 0

OLD TAGS:
LH 445511243S
RH 445215237B
WI 20
~~MT~~ #6

NEW TAGS:
RFL
LFL

STRAIGHT CARAPACE - LENGTH: 37.0 cm

WIDTH: — cm

NOTCH LENGTH: — cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH: 39.6 cm

WIDTH: — cm

HEAD WIDTH: — cm

AXIAL: — cm

LATERAL: — cm

PPS: YES OR NO OR NE: —

SEX: Male, Female or Undetermined: U

TAIL LENGTH: T — cm

C — cm

RIGHT FRONT FLIPPER WIDTH: — cm

PLASTRON LENGTH: — cm

WEIGHT: ~~87~~ 150 #

DESCRIPTIVE REMARKS:

SAMPLES COLLECTED:
Blood in DMSO for DNA

forms/tagging.xls