

P.137

HONOKOWAI
AUGUST 20-22, 2009
MASHA KAI

ST24 6/21
ID 23069 8/21

MAUI 5

DEC 2010 - KAPALUA

(808) 286-2899 5690

AUGUST 2021/2011

BALZS 2002-2011

P.23-

9-27-02 SITE VISITS

3-7-03

alco®

"NAKINE"

MOC

Composition Book

Name

7-27-03 KAPALLIA HAWAII

School

8-17-03 HUAELOA / HONOKOWAI w/ K. Arrows (Mr. Pean tree)

Grade

5-20-04 CAHANA SHORES BEACH RESORT

Wide Ruled

BALZS

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

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

(808) 395-6409

8/25 - 8/29/04 - WEST MAUI HONOKOWAI
MAHINA SURF

- 10/27/04 MOC 4 + 1 (YEAR SLP TURTLE)

ST24 ARGOS ID 22279

("KUPUALOHA")

- 2005 =

- AUGUST 9-11, 2006

MOC - 2 - ST24

MAHINA SURF

"KIMO" ARGOS

23537

"MAILE" ARGOS

50139

- JULY 16, 08 HONOKOWAI P.136

5/19/2011 MT 793 Release 135
816 TURTLE / MAHINA SURF / LANDING

MAUI

27 September 2002 page 6
Friday

- SITE VISITS
- POWER PLANT NEW SEAWALL
- NAPILI - GAZEBO
- Nests 6 & 7

Page 49
Blank DATA
5/21/04
Transmitter
Removal
5690

CLASS SCHEDULE

- TROPIC DATE

NAME BALAZS (808) 286-2899 SCHOOL _____

ADDRESS October 27, 2004 MOC
wednesday

PAGES 99

PERIOD	MON.	RM.	TUES.	RM.	WED.	RM.	THURS.	RM.	FRI.	RM.
7 ¹	MARCH 03 - MOC Satellite Tag <i>with carter</i> Page 13 & 51									
2 ²	27 JULY 03 - KAHALUA - HAWEA POINT SNORKEL									
3	Sunday w/ vesular & Peter for 5690 p. 18									
4	17 AUGUST 03 -									
5	SUNDAY w/ Karen ARTHUR & Myles ROANTREE p. 81 SCUBA ALAELOA									
6	MAY 20, 04 Lahana Shores Beach Resort p. 84									
7	TO MAY 21, 04 (Transmitter Removed)									
8	SATURDAY									
9	25 AUGUST 2004 TO MAUI 230PM P. 89 - wednesday MAHINA SURF									
1	26 August 04 - RT HONOLULU (POLOVINA SEMINAR) RM 113 530-7PM MT Thursday SEAWATER UP P=4 SNORKEL 301 530-7PM SNORKEL UW VIDEO									
2	27 AUGUST 04 - ALAELLOA SNORKEL UW VIDEO; SEAWATER=									
3	Friday - WAITEE EXCAVATION 12-2 PM - 5690 5 TH HATCH = 14 OUT - KAHUUI POWERPLANT									
4	28 AUGUST 04 LAHANA - MOCCA HATCHING OUT SATURDAY 7:30 P.M. SNORKEL UW VIDEO MAHINA NEARSHORE - 2 SEAWATER GAZEBO DINNER AT OUTBACK									
5	29 AUGUST 04 AM SNORKEL - 2 SEAWATER OFFSHORE SUNDAY COLLECT GRAZED P. C.									

Peter Bennett's 57m Bicentary

see p. 13

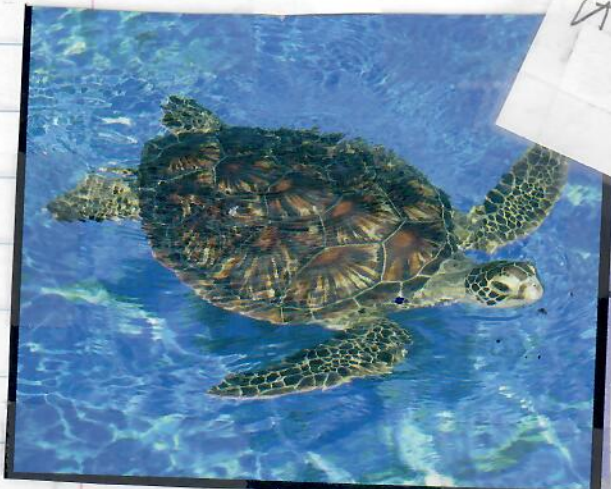
WAIHEE 22 JULY 2002 P.42
20° 58.139' N
156° 30.382' W Nest
EXCAVATION

LAHAINA

John Malloy (David) Cell - 385-8503

C.T. Ticknor = C.T.C Prodigy.net
(Charlie Taylor)

Joani Morris
86 Hui Road, F
Lahaina, Maui, HI 96761



C.T. Ticknor
843 Waiwili St. # 551 Lahaina HI
96761

NOE 8/9/06 DATA PAGES 122-128

9-11 AUGUST 2006 - page 116

T.O.C. 7/16-7/18/08
PAGE 10

Mary Jane GRADY 2322-C Vineyard St
WAILUKU, HI 96793

(2)



Mahina Surf

Maui's Best Kept Secret

4057 Lower Honoapi'ilani Road

Lāhaina, Maui, HI 96761

Med
TOP
JITTER -
HAPPY REVIEW - SIZE

Date: Thu, 24 Jul 2003 16:22:11 -1000
From: Ursula Keuper-Bennett <howzit@turtles.org>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Cc: Peter Bennett <honu@turtles.org>
Subject: Other two loggers placed.

Here are the ID's

- #557672 at Zeus' Lair placed 030721
- #557675 at Mt. Balazs placed 030724pm
- #557679 at The Rock placed 030724pm

SN641022 (Tidbit)

Alaola, Maui

P. i. U. Bennett

7/27/03 TO Bennetts

PVC	new deployed	TAKEN OUT	IN
Replaced 8-11-06		55767	744611 SOUTH PARK
Z		557679	744616 ZEUS
8/106 ALAOLA		641022	744615

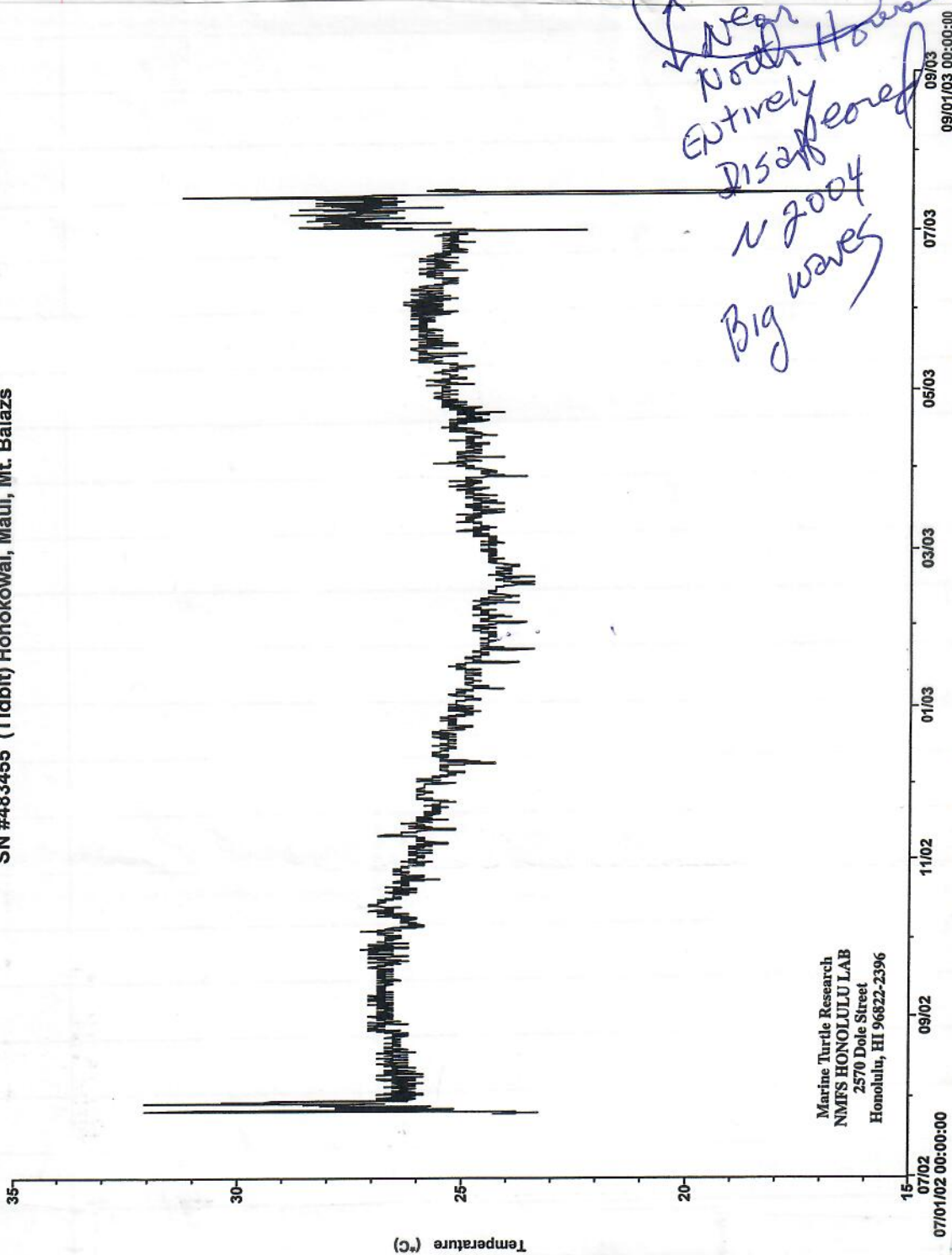
(A)

2002-2003

MT. BALAZS

↕ Near North Hono
Entirely Disappeared
~ 2004
Big waves

SN #483455 (Tidbit) Honokowai, Maui, Mt. Balazs

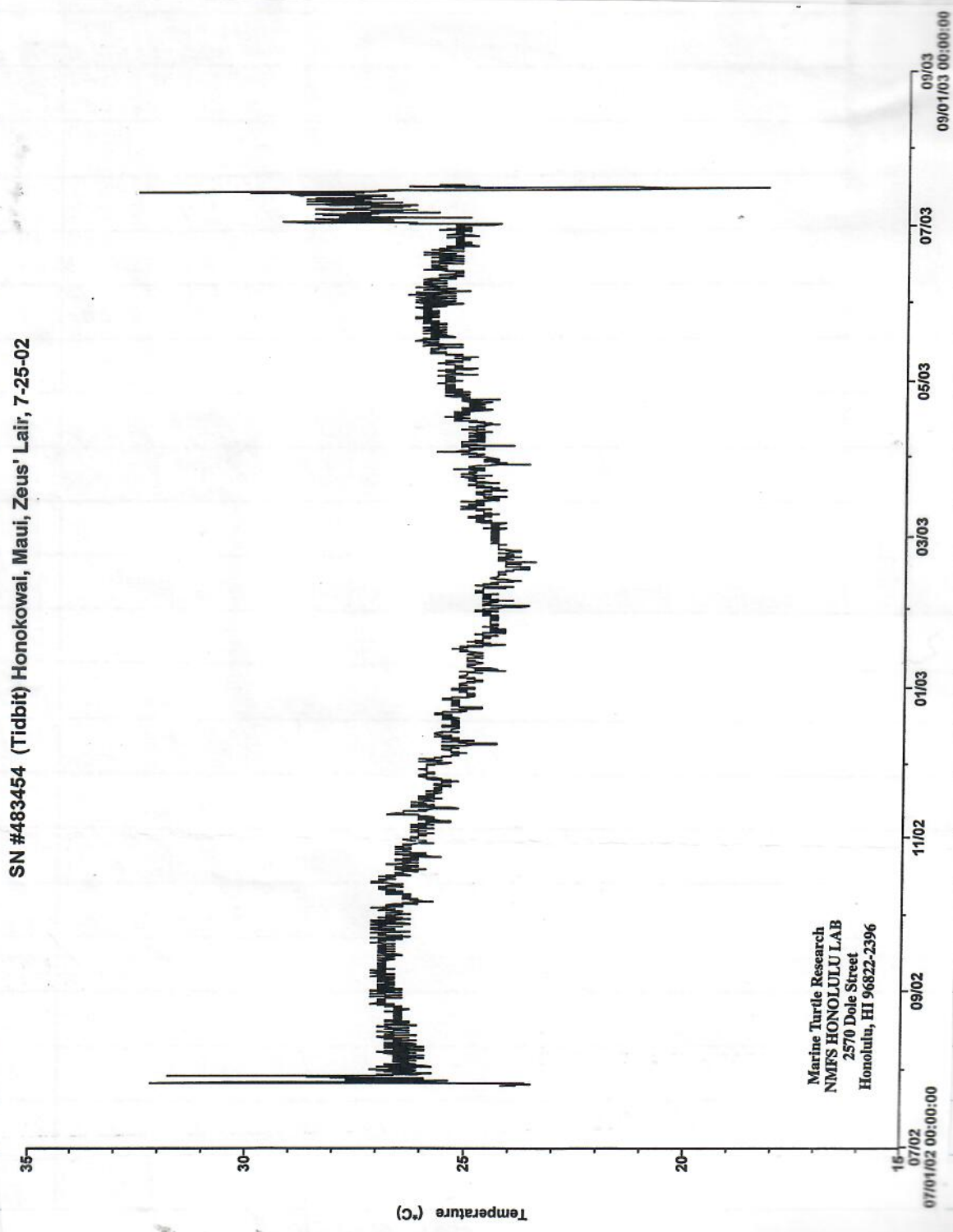


Marine Turtle Research
NMFS HONOLULU LAB
2570 Dole Street
Honolulu, HI 96822-2396

5

2002-2003 Zeus' Lair

SN #483454 (Tidbit) Honokowai, Maui, Zeus' Lair, 7-25-02



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

6

THE GAZEBO RESTAURANT



669-5621

BREAKFAST & LUNCH
7:30 AM - 2:00 PM DAILY

5315 LOWER HONOAPIILANI RD., LAHAINA, HI 96761
(808) 669-5621 • OFFICE 667-2098 • FAX 661-9095

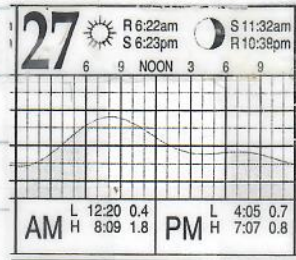


CH2MHILL

Scott R. K. Moncrief
Geologist

CH2M HILL
1585 Kapiolani Blvd.
Suite 1420
Honolulu, HI 96814-4530
Tel 808.943.1133
Direct 808.943.7135, ext. 212
Fax 808.941.8225
smoncrie@ch2m.com

Sept 2002



exclusive dealers of



MauiBuilt

MAUI TROPIX - KAHULUI
261 Dairy Road, Kahului, HI 96732
(808) 871-8726
(808) 893-0630 FAX

MAUI TROPIX - NORTH SHORE
90 Hana Highway, Paia, HI 96779
(808) 579-9816

MAUI TROPIX - LAHAINA
715 Front Street, Lahaina, HI 96761
(808) 661-9296

Date: Mon, 01 Oct 2001 19:25:07 -0400
From: Ursula Keuper-Bennett <howzit@turtles.org>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Embarrassed. Forgot to report

On our last dive. Sept 9th am. Sighted U164 fresh from the Shoals. I mean like that morning. 2001

46S beautifully engraved. Got a freeze-frame if you want to see your "work".

I guess you know why I might have forgotten to make mention of this. Last, I know you're woefully understaffed so this isn't a request for any time soon. But between now and whenever I'd like to know what you got on FP for our U164.

And you did a SUPER job polishing her shell, George.

Not to be

04809 Date : 25.09.02 15:54:16 LC : 3 IQ : 68
 Lat1 : 20.994N Lon1 : 156.669W Lat2 : 14.014N Lon2 : 126.675W
 Nb mes : 006 Nb mes > -120dB : 000 Best level : -127 dB
 Pass duration : 495s NOPC : 4
 Calcul freq : 401 650628.3 Hz Altitude : 0 m
 164 56 251 82
 00 01

Napili 5690

04809 Date : 25.09.02 17:01:01 LC : 3 IQ : 68
 Lat1 : 20.995N Lon1 : 156.668W Lat2 : 16.853N Lon2 : 137.892W
 Nb mes : 007 Nb mes > -120dB : 000 Best level : -123 dB
 Pass duration : 502s NOPC : 4
 Calcul freq : 401 650627.2 Hz Altitude : 0 m
 164 05 251 82
 00 01

Mauī Lower Plant + Algae

See ^{NAPILI} 5690; EXAMINE #6 & 7; SEE WAITEE site again; ^{Mauī built} + stickers

9/27/02

Friday Depart Alone HA FL. 112 ^{depart} 745am TO kahului

Avis rental car to kahului harbor - still rebuilding upper stone sea wall, picture taken, no turtles seen - decreasing tide.

Drove to Napili Bay via stop at Pohaku Park in Kahana (no turtles seen) and Kahana McDonalds. Drove north

on Lower Hoopuilani Rd. passed right-of-way 216, right after that is Alaeloa apartment complex. Right-of-way 219

is at Napili Kai resort/apartments - with short tunnel leading to core beach (Name = ^{hapaha?})

that was byok concession "Kevin" where Ursula and Peter took lessons this summer. No wind, glassy sea but

Napili private Cemetary photo of shorts 5/9/02 LAJAI

"Saw" "Kahana" "Napili" works "hei"

(8)

9/27/02
Friday

~10am

South/southwest swell. Drove to Napili Shores - Napili Place dead end paved road off Honokulani, parked along here - ^{lower} right-of-way here has to be no. 217, but no sign exists, walked down here to Gazebo (rock below) - 2 photos of me on rocks - 50-90's feeding place - but no turtles there now - presumably tide too low (or too early in the morning). Watched for turtles in ^{Pokaniki} interesting areas while washed backpack and camera case drying from fresh water rinse, only one seen - about 2300 yards off feeding rocky place, this sea turtles retreated to when boogie boarders went in area of feeding on my last trip, walked beach of Napili and picked up 10+ fecal pellets, no flies attracted to them all pretty fresh. Continued ~~at~~ walkway / cement sidewalk over rocky point that separates Napili Bay from ^{larger?} Napili. This ends at Napili Kai resort and you have to walk through their private property

Sept.
27
2002

(9)

to get to Right-of-way 219 (and adjacent
small ^{public} parking lot). Lots of people
on beach in this bay, no turtles seen.
I didn't walk this beach for feces.
Returned to Napili Bay walking same route,
Picture taken of point with Gazebo restaurant.
Walked up Right-of-way 218 (has a
shower) and to right, Badends road, so
walked to left (HApili Rd) to highway
then back to Napili Place to unmarked
Right of Way 217. Had lunch at Gazebo
Restaurant - open only ~ 7:30 am to 2 pm
breakfast and lunch. So staff there wouldn't
see late afternoon high tide feeding close to
shore - Lucy, Annette and Sherry - staff
at restaurant. They saw ~ 4 turtles "loping
at surface" for few hours the other day,
one was 5690 with "transmitter inside it".

Will send literature/picture.

Drove to Lahaina - checked on
nests 6 & 7 - ^{picture of passenger ship off shore} debris on surface needs
to be removed. Drove to Kahului -
Bought shirt and cap at Tropix (Maui Built).
To Kahului Harbor - 2nd passenger ship
at dock. Departed ~ 4 PM Hawaiian Air.
Return to Honolulu.

To Wed

7/16 - 7/17/08

Friday

MAUI Ocean
MOCenter N = 6

DATA PAGES - 104 - 130 -
134

NOTA WAW
↓



never came

CONTINUED p. 16

11

Famous turtle mom due for return

By HARRY EAGAR
Staff Writer

THE MAUI NEWS

one big request: Leave the turtles alone.

4-24-16

It's spring, and an old turtle's thoughts turn to romance. Not young turtles — green sea turtles don't reach breeding age until they are 20 years old or older.

Turtle fanciers are expecting and hoping that "Maui Girl" — officially turtle 5690 — will return several times this season to nest in Lahaina, which she has done every other year since 2000. A number of other turtles, none with a name, are also likely to visit Maui's beaches in about a month, according to Cheryl King, research coordinator of the Hawaii Wildlife Fund, which helps monitor nests.

Finding the nests can be a life-and-death matter for baby turtles. Last year, a previously unknown hawksbill laid a nest in front of the Maui Lu, but nobody noticed.

The babies, misled by street lights, crawled onto South Kihei Road.

"(They) were squashed," King said. "It was pretty traumatic."

HWF volunteers and professional wildlife biologists were alerted and managed to save some nestlings. The same turtle also had made two nests at Kealia Pond National Wildlife Refuge. Those were spotted and hatched out successfully.

Glynnis Nakai, manager of the refuge, will announce soon a meeting to organize this year's Dawn Patrol, a volunteer watch that monitors three South Maui beaches for signs of nesting by the critically endangered hawksbills.

Monitoring is good, but the turtles don't need help to nest.

Later in the year, researchers (usually Nakai and Skippy Hau of the Department of Land and Natural Resources) return to the nests and excavate them. Sometimes they are able to free a few stragglers who were tangled in roots. In every case, they take samples of DNA from dead hatchlings or from eggs, building up a genetic data bank that Balazs said will be valuable to researchers in the future.

For example, with Maui Girl, the first green sea turtle known to have nested in Lahaina in 50 years, the genetic data will allow researchers someday to tease out the relationships among her grandchildren.

Every other year, she has deposited hundreds of eggs, and by now, Balazs said in a telephone interview Friday, she must have more than a thousand offspring. Many, many will have fallen prey to the enemies of turtles, but once a turtle reaches maturity, the chance of a long and reproductive life stretches ahead of her. Balazs says that "if she is still with us," he is confident 5690 will be visiting Lahaina again this year.

Most of Maui Girl's nests have been in the neighborhood of Lahaina Shores. The presence of so many humans and even of dogs on the beach has proved not to deter her. And once a turtle finds a beach she likes, she often comes back again and again.



CHERYL KING photo

A baby hawksbill sea turtle finds itself stuck in a footprint in this 2008 photo. Starting next month, volunteers will start a Dawn Patrol to monitor Maui beaches for turtle nests.

said, is that the metal tag attached to her flipper when she was released as a seven-pound, dinner-plate-size adolescent in 1981 stayed in place for 20 years to be read again. Nowadays, researchers place chips under the skin of turtles, which they hope will allow for more reliable tracking.

Other researchers have proved that released captive turtles have survived to reproduce, such as Kemp's ridley turtles released on Padre Island, Texas. But in Hawaii, only Maui Girl proves that human intervention has worked for the benefit of the turtles.

"She's an ambassador for the species, she's Maui's turtle," he said.

eral public and for marine-activity operators to provide the latest knowledge and interpretive skills to understand and explain the ocean environment.

Register at www.oceanawarehawaii.org or by calling Tracy Burke at 879-2818, ext 28.

The Kihei course will be held at the whale sanctuary, 726 S. Kihei Road, beginning May 3 and continuing Mondays and Wednesdays, through May 19.

The Lahaina course will be at Waiola Church, 535 Waihee St., beginning May 4 and continuing Tuesdays and Thursdays, through May 20.

(12)

T.O.C. (continued)

p. 133 & 135 5/19/2011 Release
of MT/FO3
816 Tumor Removal
Makena CAMPING

p. 23-25 August 20-21, 2011
5690 5th ^{SATEL} Nesting ^{SUNO} 505 Front St.
+ EXCAVATION BY GLYNIS of emerged nest
N=17 ALIVE!

p. 25-26 AUGUST 24-25, 2011
DATA Pages = 142-144, 150-151. ^{Wed.} Thursday
M.O.C. KAAWAPALI Beach Hotel Release N=5
N 31+5=36 8/24 HOOKIPA ~ 10 BASKERS UP 7:10 PM



MOC ID 19603 "NAKINE"
ST19 Seepage ST

7 MARCH 03 Depart 900am HA w/berg for Friday MOC to put ST19 on captive reared SLP turtle for release

pelagic off East Maui. Arrive ~ 930am - ALAMO car rental - Drive to Kohuku power plant - no turtles seen but snorkeler w/ spear fisher in water. Last couple of times have noted more algae on boulders near warm water discharges.

Drove to Fiberglass Hawaii store (Papa Street) bought fresh laminating resin and catalyst, box of brushes kevlar tape. Drove to MOC - arrive 1045am met by ANIKO & IAN. Also Maude

doing growth project on ^{captive} turtles. MOC has 6 total. Michelle (PR department), other MOC staff.

Proceeded to pick out turtle from display tank - decided upon "I" NAKINE. worked on table - did full suite of measurements, weighing ^{+10%} everything. PIT tags already in both hind flippers. Sanded shell, applied

Elastomer 2nd Central scute. Pictures of each step. Trinned Elastomer, sanded and applied 4 wide pieces same as with ST18 and ST14. LAYER TWO 2 strips across, one longer long ways - hole to receive antenna.

LAYER THREE - CASTRO anterior side of antenna

This taken Layer Two

CAST

3/7/03 cont.

MOC ID 19603

(15)

Friday

12/4/88

"KANE" ST19

with one cross piece and back-filled
on each side of antenna.

Resin
Jell

Prayer Hawaiian Blessing by
KATHY Charlie Maxwell.

Need
to

Send
Patrick
Ching

Magnet put back on with duct tape.

Turtle left out of isolation tank for at least

2 hours for resin to dry. in tank overnight

magnet stayed on. Turtle let go at

7:15 am in Aleuihaha Channel. 3/8/03.
By JOHN Goeman

Need
to

take
in

Tide
chart

Chery and I drove to Kahala then to
Napili Bay - late lunch at Macdonald's kahala.

Walked Napili Bay - saw 3 fecal pellets only.

Tide rising. Watched in front of Gazebo.

Talked to Lucy, ^{owner} not many turtles seen

lately according to her - not seen 5690.

Chery & I over 2 hours of watching only

saw 2-3 turtles close to rocks - only

to the south of former 5690 ^{feeding} site.

No turtles seen far out either. Where

are they all? Drove back to

Kahala Shores 5690 site. Walked beach.

Photos. Jan Show underway.

Drove to Power Plant - took photos

King said more volunteers always can be used, because it would be desirable to expand the patrol to more than three beaches. It would be impossible, she said, to monitor them all.

Once a nest is spotted, usually by early-morning walkers who see tracks in the sand, even more volunteers are needed to watch over the nests. This work, in the middle of the night, involves sleeplessness and mosquitoes and dedication.

George Balazs, who leads the green sea turtle program at the National Marine Fisheries laboratory in Honolulu, has

The special thing about Maui Girl is that she is the first captive-reared Hawaiian green sea turtle known for certain to have grown to maturity and started reproducing. But Balazs strongly suspects there are others.

For example, Sea Life Park, which has a captive breeding program, releases its surplus babies near its aquarium on Oahu, and for several years now a green turtle has been nesting right there or on nearby Rabbit Island. He cannot prove it, but Balazs suspects it's one of the extra babies the park released years ago.

The miracle of 5690, he

To join the 160 volunteers who volunteered last year and sign up for Dawn Patrol, visit www.wildhawaii.org.

If you encounter a turtle emergency, like the one at the Maui Lu last year, call King at 385-5464.

If you would like to learn more about turtles, the Hawaiian Islands Humpback-Whale National Marine Sanctuary will present free Ocean Awareness Training courses in May. This six-part course includes a session on sea turtles.

Graduates of the course can earn a CORAL (Care of Our Culture, Ocean, Reefs and Animal Life) certification card. The course is for both the gen-

All sessions will be from 6:30 to 8 p.m. Space is limited.

Trainers will include Darla White of DLNR's Eyes of the Reef, Hannah Bernard of Maui Reef Fund, invertebrate specialist Pauline Fiene, Liz Foote of Project S.E.A.-Link, John Mitchell of Digital Bus, and Alastair Hebard of the whale sanctuary.

The CORAL certification also will help participants meet the requirements for volunteer positions as a sanctuary docent and other islandwide volunteer programs where volunteers assist certified professional guides and owners.

■ Harry Eagar can be reached at heagar@mauinews.com.

from pg 11

3/7/03 (Continued)

see page 51

(7)

Friday
on "turtle watching stone"

Cheryl & Boalyn

Numerous surfacings of turtles. Lots of water being pumped. We counted ~23 heads in 60 seconds - all judged to be different.

Depart Kahului 8:30 AM last AA flight.

Lights a hazard for Maui Girl, babies ^{7/2011}

Even though Maui Girl the green sea turtle lays her eggs in an area filled with lights and people near Front Street, researchers and turtle enthusiasts warn against shining lights on turtles laying eggs or using bright lights in the vicinity of the nests. Lights may scare away the turtle and cause her to leave her nesting area, they said.

Later, when the nestlings climb out, they orient themselves by moonlight or starlight to crawl to the ocean. Lights onshore can lead them in the wrong direction, and more than once Maui Girl's hatchlings have been rescued from parking lots, where they were heading for street lights or security lights.

Although turtle enthusiast

Peter Bennett took a photo with a flash when Maui Girl nested this weekend, he said he took the single photo for research and documentation purposes.

He took her photo during her "egg-laying trance" in which nothing will deter her from finishing, he said. The trance begins when the turtle begins to drop her eggs, he said.

"Authorized observers take advantage of this to approach her for examination and measurement, and as in this instance, take a single flash photograph for documentation. At any other time, lights and particularly flash photography will disturb her and probably cause her to abandon the nest," he said.

KAPALUA

7/27/03 - Depart ^{at 7:35 AM} Island AIR
SUNDAY

- Objectives:
- ① Scope HAWEA Pt. to see 5690 habitat.
 - ② ALALOHA new site for Peter & Ursula
 - ③ Haukane Cove - see it

Need Maui Map Tide chart

Arrive 8:00 AM - picked up by Peter and Ursula - Mac Donald's coffee/breakfast/water

Drove to KAPALUA - found right of way public parking near ~~united~~ - photo of me by UWT "36"

Need Dive new site ALALOHA (Bron shoe) w/o & P.

Walked out to HAWEA Pt. (Navigation Light lower tower to left. "Conservation Fund" access(?). A low rocky point (photos). For 2 out of 3 days

U & P have seen 5690 here, but only at the surface. A "shelf" 15' deep extends off the point. 40-60' deep off this shelf.

Ursula spotted 5690 twice, the second time I saw her penumbra clearly via binoculars. About 10:30 AM Peter and I snorkeled out there

Return Island AIR Depart Kapalua 3:05 PM

HAWAII POINT 5690 (R)

7/27/03 we spent 1.5 hours looking for
Sunda her. During this time Kusula as
shore saw her surface 3 times, but
we could see her. Two snorkel diver
spears fishers further out - later we
asked them if 5690 seen - answer no.
Also 2 types w/ scuba - from Kapali ^{Mick}
hook - they were also interested ^{Shaf}
in our photo 5690, they saw her
under ledge on first dive (man w/out
camera saw her). Came back for
second dive, but 5690 apparently not seen,
not in same ledge undercut.

2 fast catamarans and high speed
dive boat went by ^{close} to the Point.

* is a site transited by boats -
* — DIVE FLAG NEEDED — *

STRATEGY - Sit in BOAT w/ snorkel or
scuba and wait for 5690 to surface -
then go to that place and dive.

When walking back to P&U's car to get
my dive gear the key to van '63
was found on top of my dive fin
in brown dive bag.
After snorkel we went back to

(20)

HAWAII POINT

27 July 03, no honani to change Sunday clothes, drove to Gazebo for lunch, nice table view of former near shore feeding area of 56 90. 100 turtles seen at lunch.

Light winds
no swell

After Gazebo, we ~~drove~~ ^{drove} walked to Hono ~~Point~~ Cove - saw 1-2 feeding close + turtles at surface in middle. Lots of snorkelers. ^{formerly} saw juvenile turtles ^{mostly} resting close to rocky shore in the cove.

Drove to Fleming, 2:00pm Tide coming up - 5pm should be 2.4 ft. no turtles on right side. 2 fishers. Drove to Kapalua Point - departed 3:05 pm.

- I gave them 2 pictures Tamat 6/03 east.
- PVC w/ loggers for AleaLOA
- They gave me - Goolyfoot picture for Milani
- ^{green} Algae sample from AleaLOA - turtles seen eating it - a fine green entangled ~~in~~ in *Hevelodia* I know what it is.

27 JULY 03 when first walking out to Hawa
Sunday Point, to the right, there were
2 pole & line fishers on low rocky cliff.

The next point north of HAWAEE is
a rocky point that borders a Hawaiian
burial area and golf course greens.
Road in Hualala Resort ends here.

GPS 0.8 mile HAWAEE Point to Gazebo
Napili Shores "former" forage site.



(22)



(fwd)

Subject: Waiehu tracks (fwd)
From: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
Date: Wed, 02 Jul 2008 07:02:00 -1000 (HST)
To: George Balazs <George.Balazs@noaa.gov>, Stacy Hargrove <Stacy.Hargrove@noaa.gov>

----- Forwarded message -----
Date: Mon, 30 Jun 2008 01:26:19 -0700 (PDT)
From: CHERYL KING <shezking@yahoo.com>
To: Skippy Hau <skippy.hau@hawaii.gov>, Glynnis Nakai <glynnis.nakai@fws.gov>, Steve Williams <wlms2@earthlink.net>, George Balazs <gbalazs@honlab.nmfs.hawaii.edu>, Bill G <bill.gilmartin@hawaii.rr.com>, david@wailukutown.com
Subject: Waiehu tracks

Aloha All, ? Attached are a few pictures of the faint green tracks and abandoned nest attempt I found at Waiehu on June 24th. She gave a good effort, but abandoned the hole (likely due to the can at the bottom). I'm surprised she didn't get all tangled in the mess of branches and rubbish in that area. If you recall where the grotto of trees camping spot to the south of the riverbed is, it's just to the right of the entrance. This attempt is in close proximity of last year's nests - too bad there's not much habitat there. I heard from Dale about his potential nest he found the next day in Waihee. Same turtle?? I walked Waiehu beach again today but didn't find anything new. Some of these took so long to get to you. -Cheryl ? ? Cheryl King?? Hawai'i Wildlife Fund Maui Research Coordinator Hawksbill Recovery Project (808)385-5464

WAIIEHU 2008
JUNE 24
2008

2011 August 20, 2011 5690 5th nesting of season
Saturday 430 pm departure
Island Air for KAPALUA MAUI. ARRIVE 500 pm

8/19 5690 false Crawled several times
Friday night ~~509~~ Front Street

8/20 AM Peter found dead fresh hatchling
in Naupaka from emerged nest 5690 first
hadn't been known. Glynnis arrived ~ 5pm and excavated

645 pm Sunset - 17 ^{Active} hatchlings (nest #1)

Not used

Spot 5

4/44

ARGOS ID 19597

WC#

1051214

INTO WATER
JOHN MALLOREY + AKA Blk dog ♀ 14 years old

NOT USED

- sat tag
- Epoxy tube flower
- Sand paper
- Rubber gloves
- measuring tape
- Flash lite
- PIT TAG

98.5 - CCL ^{cm}

LFF 666F

RFF 981st

BB
→ 3B46

1035 pm

(24)

8-20-2011
SATURDAY

was sitting on
where the beach

Head first Seen - and emergence

1035 pm - near Tree
near Rocks ~~Tree trunk~~
up and back

1110 pm to water

1120 pm emerged in lite
area of DISCO club - up and
over to dark - direction
of PARK (from 1ki)
across Volley ball court into

Morning Glory (plant) where
concrete located. As she
was crawling regularly
did finger (front) swipes

11 min 35 sec to lay eggs
cover up

~ 4 AM returned to water.
Sept ~ 5 AM - 9 AM up.

Dr. Lesca
Video

Need
p. 27 ^{EMAIL} follow up.
CHAIHORSKY

Still
 Turtle
 Picking
 caught
 STRANGLED
 F. FLIPPER

See P. 49 May 26, 2004
 SAT. TAG Recovery
 03528674 AIR Billing
 FL. 29 10:00 pm
 ARRIVE 10:30-11 pm
 Sanctuaries
 Rodriguey +
 CHERLY KING

(25)

8-24-2011, Wednesday

KAPALUA Again 10 AM ARRIVE TO "5 TURNS" 4-5 SCARGE TO MACD. Feeding

IURI HERZFELD - "GRADUATE Research Assistant" PhD Candidate
 GA Sanctuaries
 Leave Monday
 Peter Alford of Oceanography Dept.
 herzfeld@SOEST.HAWAII.EDU NO SCARGE Temp data, West MAUI
 (727) 692-1473

3 PM GB + Peter PWF meeting
 ARRIVE HOOKIPA ~ 6:15 PM - PAVILLION.

7:10 PM "THE HOOKIPA EXPERIENCE"
 Turtles came out to BASK w/ 10 & SCARGE photos. Many people taking photos DUSK w/ FLASH

26

Date: Tue, 23 Aug 2011 09:33:50 -1000
From: Skippy.Hau@hawaii.gov
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Cc: Glynnis Nakai <glynnis_nakai@fws.gov>
Subject: Thanks for the updates via email

George,

I was flew to the mainland on August 5 and returned this Sunday.

I have the following dates and locations:

- July 4 Hookipa = SEPT. 4
- July 10 Lahaina
- July 14 Hana (possible hawkbill)
- July 24 Lahaina
- July 31 Hookipa (attempt) did not appear to have completed nest; interviewed lifeguard who said she stayed on the shoreline before returning to the ocean when the tide came up.

Skippy

SEPT. 31
Meeting Peter, me, her and PWF
Many PWF STAFF

near 5010 SMOKE HOUSE



Daniela Maldini, Ph.D.
Chief Scientist
dmaldini@pacificwhale.org

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Ariana Guarnier
Manager
www.honu-maui.com
www.malaoceantavern.com
www.practicealoha.org

8/25/11 MOC release at
THURSDAY KAAHAPALI Beach Hotel
930-11 AM. N=5
DATA/PAGES = 142-144, 150-
Sandwich Boffett provided.

PM visited WAHUKUHI Beach Park
long narrow w/ Rocks Rivetment. 5690 did
nest here in the past. Many medium size turtles
foraging.

See p. 29

Date: Sun, 11 Aug 2002 22:01:24 EDT
From: Sasakidalem@aol.com
To: gbalazs@honlab.nmfs.hawaii.edu
Subject: Re: 5690 Maui Girl - Argos 4809

5690

THANKS ON THE UPDATE ON 5690! IT WAS GREAT MEETING YOU AND WE THOROUGHLY ENJOYED THE EDUCATIONAL VISITS WHILE EXCAVATING, ETC. KEOKI IS LOOKING FORWARD TO SHARING THIS INFORMATION IN SCHOOL WITHIN THE NEXT TWO WEEKS.

MY DAD CAN BE CONTACTED THROUGH MY SISTER IN SPOKANE. HER E-MAIL ADDRESS IS: AKEMICONKLIN@aol.com

WE WILL BE LOOKING FORWARD TO UPDATES ON 'MAUI GIRL' AS TIME ALLOWS YOU TO E-MAIL US!

MAHALO!

DALE, JONI, KEOKI AND MICHAEL SASAKI

On Wed, 14 Aug 2002, Alex Chaihorsky wrote:

> Dear Sir,

>
> Your number was given to me by Ann Fielding after I told her about our
> research.

> Shortly - my company has developed a unique, non-viral (peptide) vaccine that shows protective properties against all known human and avian herpesviruses. We already finished protections studies for human genital herpes and for Marek disease (chicken herpes).

> A year ago I was told about huge herpes problem with sea turtles (tumors) when I visited USDA Veterinary Biologics Program in Ames, Iowa. Since then, we started a small research project for that problem.

> Since the vaccine is chemically synthesized, rather than grown on cultures it took us quite a short time to come up with several variants of it. Originally we intended to test it in a veterinary hospital in Florida, which will probably happen in September. However, while preparing for my vacation trip to Maui, I asked Ann (just in case) about the existence of this problem in Hawaii (of which I was completely ignorant). Ann told me that the problem does exist and gave me your e-mail.

> If you are interested, you can give me a call at (775)742-8811 today. I will be at Maui from Aug 15 to Aug 23 and can bring a vaccine with me. I will be staying at Maui Islander Hotel in Lahaina, so you can find me there.

Date: Wed, 14 Aug 2002 21:22:34 -1000
From: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
To: Alex Chaihorsky <alex_chaihorsky@hotmail.com>
Cc: Ann Fielding <annf@maui.net>
Subject: Re: Experimental vaccine for sea turtle herpes

Aloha yes indeed we are deeply involved and interested in learning more. I've been on the Big Island all day so only now could answer your email. Tomorrow I'll be working in Kaneohe Bay all day, my cell is 808-286-2899 but of course I can't hear it ringing when underwater diving.

I'll be on Maui staying in the Lahaina area 21-22 August. I hope to meet you then. Please bring the vaccine with you. Note I work closely with two sea turtle veterinarian here in Honolulu, Drs. Work and Morris. I'll need to consult with them in detail after talking to you.
Best Regards, George Balazs

28

Date: Fri, 23 Aug 2002 11:53:36 -1000
From: Ursula Keuper-Bennett <howzit@turtles.org>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Cc: "Landsberg, Jan" <Jan.Landsberg@fwc.state.fl.us>,
Karen Arthur <k.arthur@uq.edu.au>, Peter Bennett <honu@turtles.org>
Subject: Thanks for the last two days and a Balazs Story

George,

Reduce MAW

I know I already thanked you privately for bringing Karen and Dr. Landsberg here. But I'd also like to share this with all three of you.

I find Karen's project for the next couple years to be a Relief --like ointment on a huge itch one's had for years.

Science has taught me that the second toughest thing for a person is that no matter how hard you try your question remains unanswered. I also know the absolute worst fate is to have a question and it simply doesn't get investigated at all.

Dr. Landsberg brings a presence that just makes my heart sing. And it isn't just her expertise on HAB's either. It's what she told me about her preparedness to speculate and play "what if". I told her that Larry Herbst referred to that as "Wild Ass Speculation".

What buoyed me (and totally surprised me) was Dr. Landsberg will not only fly on a speculation but she'll not dismiss it with a "Nahh" like I sometimes do. I think out of everything that came out of the last two days, that was the most important thing to me --knowing that about Dr. Landsberg.

Next thing. I just want to explain something that might people have been noticed. I never used Dr. Landsberg's first name to her even though I felt completely comfortable from the moment we met. If you noticed that, you would also have noticed I never referred to "Col" but always, "Dr. Limpus".

This is not me being formal but rather a demonstration of the enormous respect I have for these two people.

(Side-note: it took a long time for me to be comfortable calling George, "George". To show my respect to him I frequently use "sir". So will Peter.)

That out of the way...

Karen, thanks for those cool Limpus stories. (I find sea turtle researchers to be as intere--well, Almost as interesting as the turtles themselves.) I especially like how you spoke of him with such respect and affection like Limpus is an Australian natural resource and treasure which we both know he is but it's gratifying to have that confirmed in your eyes and voice.

I held off sharing a Balazs story the last couple days because I wanted to do this in email (email carves words into stone).

STORY BEGINS...

I think it was yesterday George said something like Dr. Limpus is responsible for a whole country and him just a state. (Actually to be totally accurate Limpus is responsible for an entire Continent!)

I'm fortunate to get email from George almost every day. When I'm in Canada I see George's email as direct contact with our Honokowai honu! It's like a life-line. I really believe he has a spiritual connection with our ohana of turtles. I'm certain he'd have met some of them when they were hatchlings at East Island.

Because I tend to wild-ass-speculate I'll bounce ideas off George in email. And he'll show interest and follow up on so many things. If I need --or He thinks I need, literature, suggestions, advice, he shares it. He also generates tons of ideas so there's this kind of intoxicating synergy that happens.

Over the years, I've simply concluded that he can do anything and everything (That's why I was able to go in the water yesterday --George was there! And the shark Wouldn't Be! See? I really Do go around believing Balazs can do anything and everything.)

And that gets me in Trouble! Sometimes I'll generate an email message at the wrong time (NOAA/NMFS stuff, Symposium stuff, who-knows-what else stuff all loom at once for him AND he's just got a report of a stranding!)

It's those times that I'll get an email response with the words, "I'm not super-human, Ursula" --one or more exclamation marks after "Ursula" --depending on the number and severity of his pressures.

I just searched for "super" "human" and George has written "I'm not super-human, Ursula" seventeen times to me over the years, the latest being August 18th of this summer.

Of course for someone who thinks George can do anything and everything Each reminder comes as a bit of a surprise. Even the most recent seventeenth reminder made me go, "Oh. Yeah.... that's Right. He told me that Before!"

But here's the point I want to make. It only takes a day or two after he's written, "I'm not super-human, Ursula!!!!" that he does something Remarkable --followed by weeks/months of Remarkables-- I start to forget... So the cycle repeats itself and that's how I've accumulated seventeen reminders that he's not super-human!

Point of all this?

Yes indeed Dr. Limpus is responsible for an entire continent and that he's some-kind-of-amazing-legend and wonderful. But me, I'm here to tell you that despite George's seventeen emails protesting otherwise, George Balazs CAN do Anything and Everything!

STORY ENDS...

So that's my Balazs story --now carved in the stone of email.

Truly loved and was honoured meeting all of you.

Ursula



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8/25/11 KBH MOC
Release
Joe Breman
President
Hookipa cat

tel (808) 214-2326

fax (808) 442-3029

jbremam@iuetech.com

Date: Fri, 16 Aug 2002 07:24:58 -1000
 From: Ursula Keuper-Bennett <howzit@turtles.org>
 To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>, Marc Rice <mrice1945@yahoo.com>, Peter Bennett <honu@turtles.org>
 Subject: Re: K365, K366, K367 and K368 (plus a pit tag in the Left front

Mahalo.

And Another confirmation that they get tumours once here.

Reduce

(Hi Marc!)

 At 10:23 PM 8/15/2002 -1000, George H. Balazs wrote:

>Honokowai resighting (with Tumors) by U and P 8/14/02. Originally tagged
 >Puako 1/26/94 by us. 63.7cm SCL at that time.
 >
 >Another data point suggesting regular cross-channel movements from N.
 >Kona/S. Kohala to Maui.

Tag Information:

Tag Number	Date	Tag Type	Tag Position
2B29010C	1/26/94	PIT	PIT
K365	1/26/94	I681	RFL
K366	1/26/94	I681	LFL
K367	1/26/94	I681	LHF
K368	1/26/94	I681	RHF

Historical Information for Turtle Tag K365

Reduce

Date	Type of Encounter	Location:	TumorRank:	NestingAct:	Straight Carapace	Since Last Encounter		Growth-Rates		Interval	
						Month	Year	cm/mo	cm/yr	Month	Year
1/26/94	Near Shore	Hawaii, Puako	0	-	63.7	---	---	---	---	---	---

Resight by U & P August 14, 02 Honokowai Salaba w/tumors

Tag Information:

Tag Number	Date	Tag Type	Tag Position
2B29010C	1/26/94	PIT	PIT
K365	1/26/94	I681	RFL
K366	1/26/94	I681	LFL
K367	1/26/94	I681	LHF
K368	1/26/94	I681	RHF

Historical Information for Turtle Tag K365

Date	Type of Encounter	Location:	TumorRank:	NestingAct:	Weight	Since Last Encounter		Growth-Rates	
						Month	Year	lbs/mo	lbs/yr
1/26/94	Near Shore	Hawaii, Puako	0	-	75.0	---	---	---	---

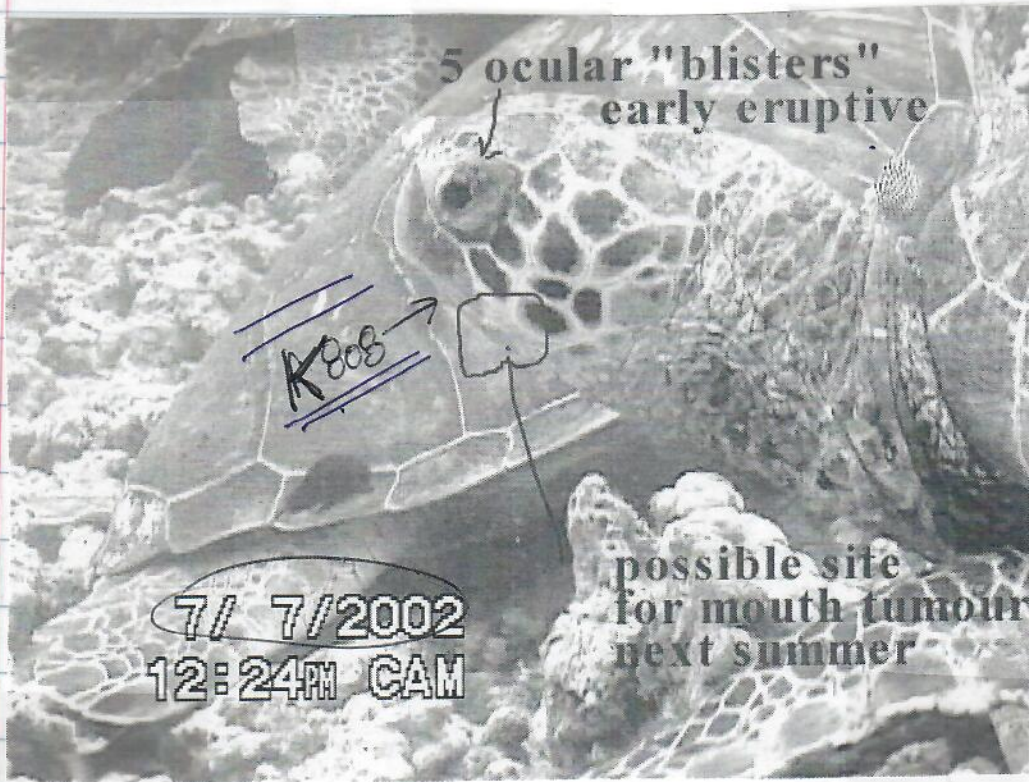
----- Forwarded message -----
Date: Fri, 06 Sep 2002 15:32:29 -0400
From: Ursula Keuper-Bennett <howzit@turtles.org>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Cc: Peter Bennett <honu@turtles.org>
Subject: Re: K808

Ahhh so you sip on a Mai Tai til this evening.

Here's K808. I upped the intensity and contrast so the early ocular is more obvious. Reminder. I can see video and video movement makes things look 3D.

K808 is recorded as a TS1 because I'm certain the left eye is throwing five tiny tumours and that means "eruptive". Eruptive automatically gives a honu a TS1.

Note for oral I just have that as "suspected". Note too that we listed him as a definite male in 2001 so that's good from a potential regression point of view. I mean he's getting FP just as he's going through adolescence and throwing a tail.



34



5690

Date: Fri, 06 Sep 2002 12:24:34 -0700
 From: Denise Parker <Denise.Parker@noaa.gov>
 To: ghb <gbalazs@honlab.nmfs.hawaii.edu>
 Subject: [Fwd: Re: day vs night in argos]

Not sure I can insert graphic in an e-mail

Hawaii Date	Period	Dive count
9/1-9/2/02	Night	302
9/2/02	Day	75
9/2-9/3/02	Night	228
9/3/02	Day	145
9/3-9/4/02	Night	225
9/4/02	Day	182
9/4-9/5/02	Night	139

Date: Thu, 05 Sep 2002 16:44:33 -0400
From: Ursula Keuper-Bennett <howzit@turtles.org>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Cc: Peter Bennett <honu@turtles.org>
Subject: Re: K808

*February
11, 2002*

You asked about tumours in K808 and told you I couldn't tell until I got home. I've just analyzed the July 7th sighting.

I'm pretty sure I told you K808 is now Male. Also definite growths in left eye. Like five hotspots all merged. And of course erupting posterior. Also white at corner of his mouth could be an oral tumour threatening.

I've now listed him as FP Year 1. That now makes every Kona honu you sent our way now having FP.

>Date: Wed, 10 Jul 2002 12:53:20 -1000
>To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
>From: Ursula Keuper-Bennett <howzit@turtles.org>
>Subject: Re: K808

>So far believe it or not, I've only analyzed the video from our first dive
>(and that was completed last night). K808 was sighted on our
>tenth. There were no obvious tumours but I need to look carefully at
>video for smaller stuff and also for tumour artifacts.

>It'll take a while. Everything here's taking longer because our four of
>our waking hours are committed to writing the book plus exercise. That's
>where the time for tape analysis for former years have gone.

>I'll let you know though. We usually sight that turtle three or four
>times a summer.

>-----
>At 08:15 PM 7/9/2002 -1000, George H. Balazs wrote:
>>any tumors seen you didn't say so one way or the other?

>>>On Mon, 8 Jul 2002, Ursula Keuper-Bennett wrote:

>>>> Sorry. 020707 is Canadian for date. Year, 20(02), Month 07, Day
>>>> 07. Means July 7, 2002. Sighted tag K808 at NorthHouse.

>>>>> Yes, reported before to you August 29, 2000. Here's what you told us
>>>>> about
>>>>> K808.

>>>>>> "May 15, 1994 Kahaluu Beach Park, Kona. You saw this on last 8/29/00
>>>>>> Honokowai. It's quite nice at Kahaluu. But must be nicer (in
>>>>>> turtle-opinion) at Honokowai."

>>>>>>> Also sighted at Honokowai 2001.

>>>>>>>> -----

36

Date: Sat, 24 Aug 2002 23:43:26 -1000
From: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
To: George Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Re: turtle nest

Reduce

On Thu, 22 Aug 2002, Steve Williams wrote:

> #5690 has, so far, provided all the excitement for the season. While we
> continue to watch for tracks in South Maui, our star of the year has
> made her seventh nest in Lahaina (George has named her "super turtle")
> Meanwhile her nest #3 has had hatchlings emerge (last night) and
> excavation is scheduled for this Saturday night at 6 P.M. (August 24)
> The nest is located at the north side of 505 Front Street, near the
> volleyball court on the beach.

> Aloha,
> Steve

LAHAINA NEST #3 (26 June 2002)
Latitude: 20° 52.104' N Longitude: 156° 40.581' W
EMERGENCE: 21 August 2002 (Day 54)
EXCAVATION: Saturday 24 August 2002 (Day 57)

Hatchling tracks reported by Richard on day 54, 21 August 2002.

SUMMARY

Excavation by Skippy Hau & Recorded by Glynnis Nakai (18:07 to 18:19)

Excavation began at 18:07.
Depth of first hatchling at 11 inches.
Depth of first egg at 15 inches.
Nest diameter about 10 inches;
Depth at bottom of nest 21 inches.
Excavation ended at 18:19.

PARTIALLY DEVELOPED EGGS
DEAD HATCHLING IN SHELL

UNDEVELOPED EGGS
16
EMPTY SHELLS
60

=====

DEAD HATCHLING

0

LIVE HATCHLINGS

1

EST. HATCHLINGS EMERGED ON THEIR OWN 59

ESTIMATED TOTAL (60/76 = 79%) 76

Hatchling released at sunset. Slightly deformed possibly by roots.
8/24/02 Sh

Date: Sun, 25 Aug 2002 22:01:51 -1000
 From: Skippy_Hau@exec.state.hi.us
 To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
 Cc: Glynnis Nakai <Glynnis_Nakai@r1.fws.gov>, Peter Bennett <honu@turtles.org>, Ursula Keuper-Bennett <howzit@turtles.org>, Russell Sparks <russell_t_sparks@exec.state.hi.us>, Steve Williams <williams@mauigateway.com>
 Subject: Re: Our Maui-Girl Lahaina Turtle, 5690 (fwd)

[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.]

Maui Reduce

George,

Malu 'Ulu o Lele Park (the shady breadfruit trees of Lele, the old name for Lahaina) according to John Clark (Beaches of Maui County)

(Coordinates corrected)

LAHAINA NEST #2 (11 June 2002)

Latitude: 20: 51.996' N Longitude: 156: 40.495' W

EMERGENCE: 3 August 2002 (Day 53)

EXCAVATION: Tuesday 6 August 2002 (Day 56)

Hatchling tracks reported by Sasaki Family on day 53, 3 August 2002.
 Additional tracks reported the night before.

SUMMARY

Excavation by Glynnis Nakai & Peter Bennett (17:57 to 18:35)

Excavation began at 17:57.
 Depth of first egg or hatchling at 7 inches.
 Nest diameter about 10.5 inches;
 Depth at bottom of nest 27 inches.
 Excavation ended at 18:35.

PARTIALLY DEVELOPED EGGS
 DEAD HATCHLING IN SHELL
 UNDEVELOPED EGGS
 53
 EMPTY SHELLS
 33

1 4

=====

DEAD HATCHLING
 0
 LIVE HATCHLINGS
 1
 (Straight carapace length was 49.1 millimeters)

EST. HATCHLINGS EMERGED ON THEIR OWN 32
 ESTIMATED TOTAL (33/91 = 36%) 91

Hatchling released at sunset.
 8/06/02 Sh

38

Date: Tue, 24 Sep 2002 07:47:19 -1000
From: Skippy_Hau@exec.state.hi.us
To: Glynnis_Nakai@r1.fws.gov
Cc: gbalazs@honlab.nmfs.hawaii.edu, William_S_Devick@exec.state.hi.us,
francis_g_oishi@exec.state.hi.us, shezking@yahoo.com
Subject: Draft Lahaina Nest Five Excavation Summary

[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.]

Although the sand was moist, one live hatchling was found under the coconut roots. It appears she nested beneath a layer of roots. Hatchlings appear to have emerged at an angle.

LAHAINA NEST #5/5690 (25 July 2002)
Latitude: 20° 52.005' N Longitude: 156° 40.495' W
EMERGENCE: 19 September 2002 (Day 57)
EXCAVATION: 23 September 2002 (Day 61)

Ms. Joani Morris relayed hatchling emergence observed by Marine Option Program students including Ms. Aniko Willoughby on Thursday, 19 September 2002.

SUMMARY

Excavation by Skippy Hau.
Data Recorded by Glynnis Nakai (18:04 to 18:47)

Excavation began at 18:04.
Depth of first empty shell at 24 inches (18:33).

Nest diameter about 11 inches;
Depth at bottom of nest 27 inches.
Excavation ended at 18:47.

UNDEVELOPED EGGS

22

EMPTY SHELLS

58

DEAD HATCHLING

0

LIVE HATCHLING (52.2mm)

1

EST. HATCHLINGS EMERGED ON THEIR OWN 57

ESTIMATED TOTAL (58/80 = 73%) 80

One hatchlings released after excavation.

9/23/02 Sh

[Part 2, Application/OCTET-STREAM (Name: "[iso-8859-1] Lahaina")]
[5.3KB.]
[Unable to print this part.]

Skippy what nest was this, where located? Waihee? one of the crawls west of Wailuku or ? Can't be though if #5, can it? Sorry I'm forgotten something. Aloha, George

On Thu, 19 Sep 2002 Skippy_Hau@exec.state.hi.us wrote:

>
>
> WAIHEE NEST #5 (22 July 2002)
> Latitude: 20° 56.139' N Longitude: 156° 30.382' W
> EMERGENCE: 14 September 2002 (Day 55)
> EXCAVATION: 18 September 2002 (Day 59)
>
> No tracks or evidence of emergence on Tuesday, 17 September 2002.
>
> SUMMARY
>
> Excavation by Skippy Hau
> Data Recorded by Bob Street (17:50 to 18:50)
>
> Excavation began at 17:50.
> Depth of first undeveloped egg at 4 inches (17:53).
> Dug into nesting pit. Depth of hatchlings around 12 inches.
> Nest diameter about 11 inches;
> Depth at bottom of nest 22 inches.
> Released hatchlings around sunset.
> Excavation ended at 18:50.
>
> DEAD IN SHELL 2
> UNDEVELOPED EGGS 13
> EMPTY SHELLS 106
> =====
>
> LIVE HATCHLINGS 112
> HATCHLING WITH YOLK SAC 3
>
> Undercounted empty shells - more hatchlings than shells
> ESTIMATED TOTAL (112/121 = 93%) 121
> 113/121 93% 114-94%; 115-95%
>
> Three hatchlings with yolk sacs will be kept in the dark over moist sand.
> Active hatchlings released from nest before sunset.
> Moist sand because of high tide; debris cleared the day before and marked
> with drift wood.
> Undeveloped eggs mostly at top of nest; appeared to block hatchlings from
> emerging from nest.
>
> Mr. Bob Street is a teacher at Maui Waena Intermediate School. He was
> given two empty shells and an undeveloped egg to use as specimens for
> teaching.
> 9/18/02 Sh

(I sent you five photos earlier of the nest attempts along the eroded
shoreline.)
I have also decided to use the number of hatchlings instead of my
undercounted empty shells. Therefore the estimated success will be over an
estimated 127 eggs. (78% depending on the three kept to absorb their
yolk sacs. They are doing fine and I will be releasing them tomorrow if
they
Skippy

40

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

Date: Thu, 19 Sep 2002 10:20:57 -1000

From: Skippy_Hau@exec.state.hi.us

To: Skippy_Hau@exec.state.hi.us

Cc: francis_g_oishi@exec.state.hi.us, gbalazs@honlab.nmfs.hawaii.edu,
Glynnis_Nakai@r1.fws.gov, williams@mauigateway.com,
William_S_Devick@exec.state.hi.us

Subject: Waihe'e Draft Turtle Nest Summary

WAIHE'E NEST #5¹ (22 July 2002)

Latitude: 20° 56.139' N Longitude: 156° 30.382' W

EMERGENCE: 14 September 2002 (Day 55)

EXCAVATION: 18 September 2002 (Day 59)

No tracks or evidence of emergence on Tuesday, 17 September 2002.

SUMMARY

Excavation by Skippy Hau

Data Recorded by Bob Street (17:50 to 18:50)

Excavation began at 17:50.

Depth of first undeveloped egg at 4 inches (17:53).

Dug into nesting pit. Depth of hatchlings around 12 inches.

Nest diameter about 11 inches;

Depth at bottom of nest 22 inches.

Released hatchlings around sunset.

1 of 2

ONE

22

58

55

DEP

0

CTD

EST

ESTIMATED TOTAL

(58/82 = 134)

One hatchlings released after excavation

9/23/02

9/23/02 10:00 AM OCTED-STREET (MAIL) STATE OF HAWAII

Unable to print this part. }

Excavation ended at 18:50.

DEAD IN SHELL 2
UNDEVELOPED EGGS 13
EMPTY SHELLS 106
=====

LIVE HATCHLINGS 112
HATCHLING WITH YOLK SAC 3

Undercounted empty shells - more hatchlings than shells
ESTIMATED TOTAL (112/121 = 93%) 121
113/121 93% 114-94%; 115-95%

Three hatchlings with yolk sacs will be kept in the dark over moist sand.
Active hatchlings released from nest before sunset.
Moist sand because of high tide; debris cleared the day before and marked with drift wood.
Undeveloped eggs mostly at top of nest; appeared to block hatchlings from emerging from nest.

Mr. Bob Street is a teacher at Maui Waena Intermediate School. He was given two empty shells and an undeveloped egg to use as specimens for teaching.
9/18/02 Sh

Date: Mon, 23 Sep 2002 14:37:19 -1000
From: Skippy Hau@exec.state.hi.us
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Re: Waihe'e Draft Turtle Nest Summary

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

George,

Waihe'e

This is the lone nesting site with the approximately seventeen attempts to nest along the Waihe'e shoreline. I asked the residents who walk there to help me watch for signs of emergence. I did not find any evidence of emergence so I decided to try and confirm the nest on day 59.

Although the tides did cover the area, it was extremely satisfying to find the hatchlings waiting to emerge beneath undeveloped eggs.

(I sent you some photos earlier of the nest attempts along the eroded shoreline.)

I have also decided to use the number of hatchlings instead of my undercounted empty shells. Therefore the estimated success will be over an estimated 127 eggs. (~88%+ depending on the three kept to absorb their yolk sacs. They are doing fine and I will be releasing them in a day or two.)
Skippy

42

WAIHE'E
green turtle nest

CAD

WAIHE'OE NEST #5 (22 July 2002)
Latitude: 20; 56.139' N Longitude: 156; 30.382' W
EMERGENCE: 14 September 2002 (Day 55)
EXCAVATION: 18 September 2002 (Day 59)

No tracks or evidence of emergence on Tuesday, 17 September 2002.

SUMMARY

Excavation by Skippy Hau
Data Recorded by Bob Street (17:50 to 18:50)

Excavation began at 17:50.
Depth of first undeveloped egg at 4 inches (17:53).
Dug into nesting pit. Depth of hatchlings around 12 inches.
Nest diameter about 11 inches;
Depth at bottom of nest 22 inches.
Released hatchlings around sunset.
Excavation ended at 18:50.

DEAD IN SHELL	2
UNDEVELOPED EGGS	13
EMPTY SHELLS	106
=====	
LIVE HATCHLINGS	112
HATCHLING WITH YOLK SAC	3

Undercounted empty shells - more hatchlings than shells
ESTIMATED TOTAL (112/121 = 93%) **121**
113/121 93% 114-94%; 115-95%

Three hatchlings with yolk sacs will be kept in the dark over moist sand.
Active hatchlings released from nest before sunset.
Moist sand because of high tide; debris cleared the day before and marked with drift wood.
Undeveloped eggs mostly at top of nest; appeared to block hatchlings from emerging from nest.

Mr. Bob Street is a teacher at Maui Waena Intermediate School. He was given two empty shells and an undeveloped egg to use as specimens for teaching.
9/18/02 Sh

43

Reduce

Date: Thu, 17 Oct 2002 09:14:12 -1000
From: Skippy_Hau@exec.state.hi.us
To: Glynnis_Nakai@rl.fws.gov
Cc: gbalazs@honlab.nmfs.hawaii.edu, William S Devick@exec.state.hi.us,
Claire.cappelle@noaa.gov, francis_g_oishi@exec.state.hi.us,
williams@mauigateway.com
Subject: Seventh Lahaina Nest Excavated

[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.]

Draft Summary

LAHAINA NEST #8 (22 August 2002 ^{5790s} Seventh Lahaina Nest)
Latitude: 20:52.126' N Longitude: 156:40.595' W
EMERGENCE: 14 October 2002 (Day 54)
EXCAVATION: 16 October 2002 (Day 56)

Hatchlings were reported by Mrs. Lori Bragg (Ph.#875-2326 or 667-1855) who called for her husband John Bragg, a Security Guard. People in the park gathered and released about 8 hatchlings. He also recovered one dead hatchling and will hold it for pickup (10/14/02).

Talked with Security Guards. Renwick & Mr. Marty Ho. Recovered one dead hatchling in garage. Hatchling buried on beach (10/16/02).

SUMMARY

Excavation by Glynnis Nakai & Skippy Hau
Data Recorded by Mrs. (17:59 to 18:25)

Excavation began at 17:59.
Depth of first live hatchling at 6 inches.
Depth of first shell at 18 inches.
Nest diameter about 13.5 inches;
Depth at bottom of nest 28 inches.
Excavation ended at 18:25.

UNDEVELOPED EGGS

19
EMPTY SHELLS
73

DEAD HATCHLING

2
LIVE HATCHLINGS
20

EST. HATCHLINGS EMERGED ON THEIR OWN 51

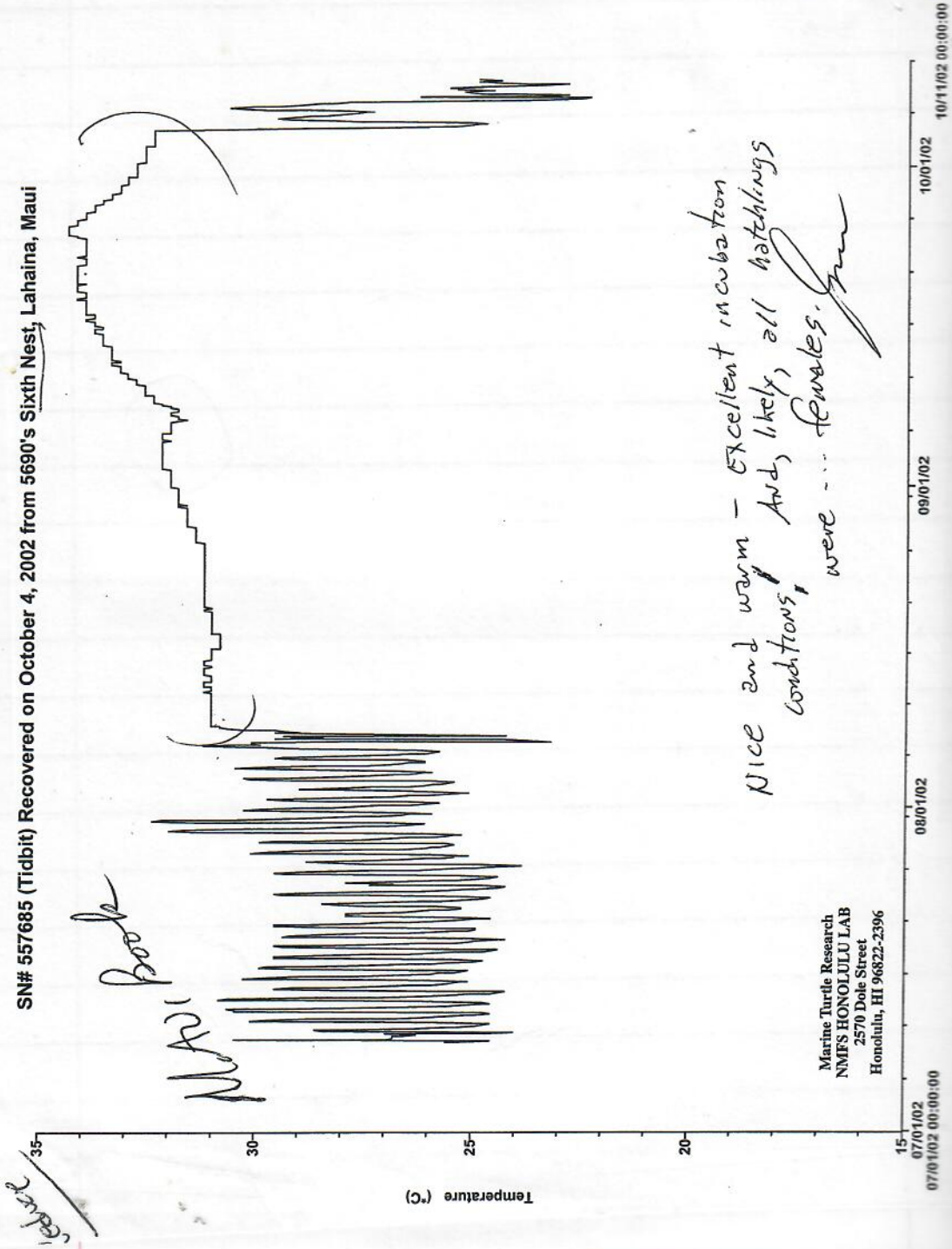
ESTIMATED TOTAL (71/92 = 77%) 92

20 hatchlings were released during excavation. Straight carapace lengths averaged 51.5 mm (S.D.=0.83). Carapace were between 49.7 and 52.9 millimeters.

10/16/02 Sh

44

SN# 557685 (Tidbit) Recovered on October 4, 2002 from 5690's Sixth Nest, Lahaina, Maui



Nice and warm - Excellent incubation conditions, And, likely, all hatchlings were ... females. *[Signature]*

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

Date: Mon, 05 Sep 2005 22:40:44 -1000
From: Ursula Keuper-Bennett <howzit@turtles.org>
To: George H. Balazs <gbalazs@honolab.nmfs.hawaii.edu>
Cc: Peter Bennett <honu@turtles.org>
Subject: Re: tumor count

Nah. Not too late at all. Here is your original question.

PS How are the counts doing-- total turtles seen on a snorkel pass at Ledge or Trench (I look 'Crack' better, but hey You-all found it not me), those with tumors, those seen with tumors that appear you would estimate regressing (yes or no, not inbetweens)"

At the trench --8, 4 with tumours. Of the 4, 3 are regressing.

At the Ledge, on a normal day, 8, 4 with tumours, 2 regressing. 2 progressing.

Note, more progressing at the Ledge because the ledge attracts smaller turtles.

I hope that's quicker and dirtier. :-)

Cut and

give - Maui Pool

+ Xerox Daily Log

ECO Adventures!

45



Olowalu: At the 14 mile marker, on Route 30, between Lahaina and Ma'alea, is an extensive coral reef that stretches along the shoreline and extends for hundreds of yards out to sea. Home to a variety of species of coral, this site is accessible from the coastline, but a boat charter can offer you

access to the turtles which inhabit the far-side of the reef here. Many years ago, I saw the most manta rays I've ever encountered off Maui in my years of diving.

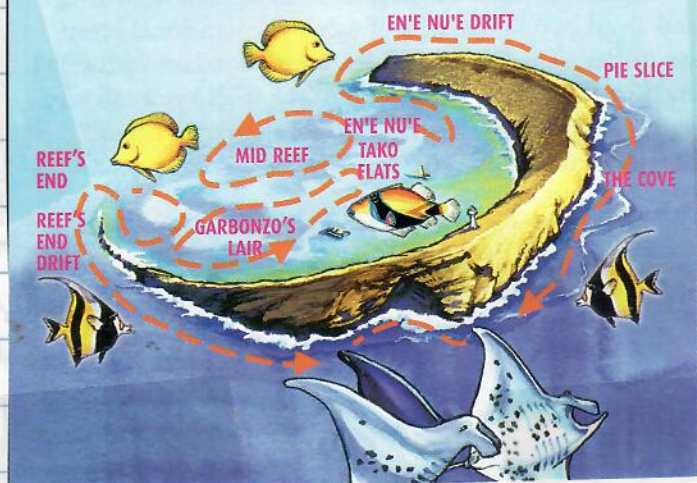


Turtle Town: The jewel of Makena — is this unique turtle habitat! There are many areas where turtles live and congregate around Maui, but this one is the most famous by far. Appropriately named "Turtle Town," snorkel charters have been taking passengers to this famous location for over 15

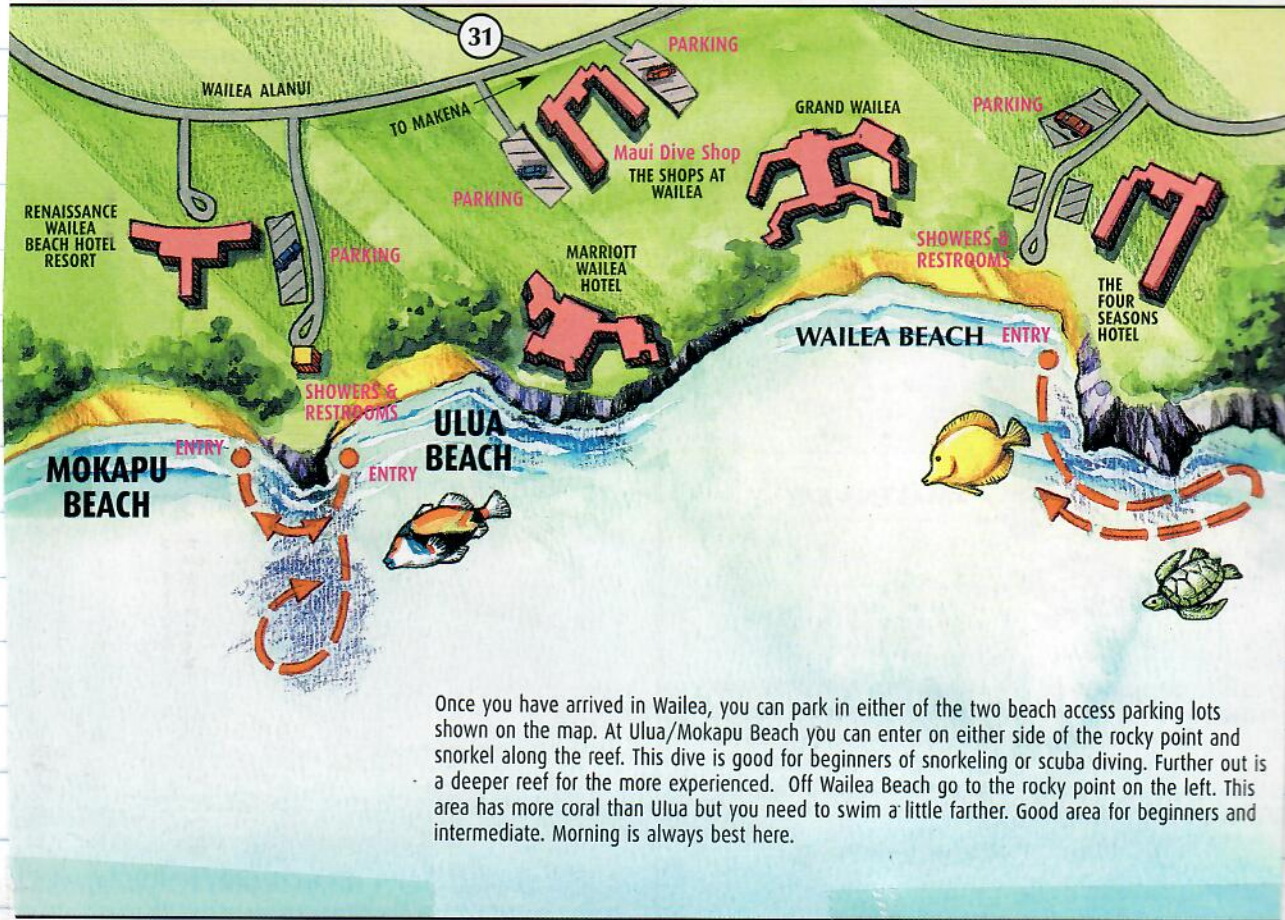
years. I too agree that there is no better spot to see the Hawaiian Green Sea Turtle than right here. Also, something not to be missed, are the underwater arches of lava.

#12 MOLOKINI

Molokini is a collection of premier snorkeling and diving spots. The host of sites includes Reef's End, Mid Reef, En'e nu'e, Tako Flats and Garbonzo's Lair among the inner reefs. These are famous for eels, endemic tropical fish, dolphins and manta rays. The back wall, or outer reef, includes End of The World, Reef's End Drift, En'e nu'e Drift, Shark's Condo's and The Chimney. These sites are known for pelagic activity and rare Hawaiian marine-life sightings. Molokini back wall dives are rated the best wall dives in the United States.



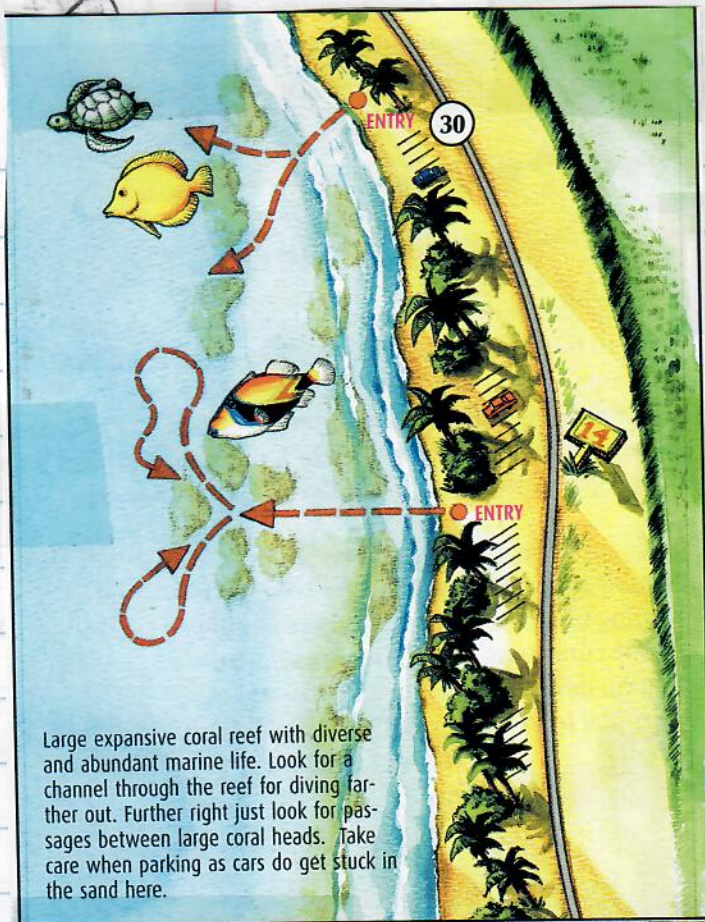
#11, #13 ULUA BEACH, MOKAPU BEACH & WAILEA BEACH



Once you have arrived in Wailea, you can park in either of the two beach access parking lots shown on the map. At Ulua/Mokapu Beach you can enter on either side of the rocky point and snorkel along the reef. This dive is good for beginners of snorkeling or scuba diving. Further out is a deeper reef for the more experienced. Off Wailea Beach go to the rocky point on the left. This area has more coral than Ulua but you need to swim a little farther. Good area for beginners and intermediate. Morning is always best here.

The shallow reef is a dazzling world to explore

satellite tag
 14 4809
 Mollusks on the
 out of the water
 new water to me water



Large expansive coral reef with diverse and abundant marine life. Look for a channel through the reef for diving farther out. Further right just look for passages between large coral heads. Take care when parking as cars do get stuck in the sand here.

Specializing in Kapaek-Snorkeling
 Kapaek-Snorkeling
 Kapaek-Snorkeling
 Kapaek-Snorkeling



Ulua Beach: Located in the heart of Wailea, this location offers one of the easiest snorkel locations on the island. A gentle, sloping beach gives way to a protected inner-reef system that abounds with marine life. The outer-reef is a fantastic advanced snorkel opportunity, with depths up to 45 feet, that the free-diver can enjoy. Look for the friendly puffer fish and the schools yellow-striped goatfish that call the shallow entry of the inner-reef their home.



Kapalua Bay: Not only one of the best beaches in the world, but also a place to enjoy great snorkeling. Showers and restrooms make this destination comfortable. Two lava fingers extend on either side of the bay that offer excellent coral structure and yield huge populations of fish. The inside of the bay can appear calm, but take caution not to swim too far offshore as you may encounter strong currents here. 🐠

Recovery of 5690's
Removal SATELLITE TAG 4809
ST14

Revised 04/04/01

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

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 5/21/04 Friday night

CAPTURE DATE, LOCATION AND METHOD: MAY 21, 2004 Lahaina Maui adjacent to park

Friday night

PERSON RECORDING DATA: GHB

PUT TAGS IN BOTH HINDS BUT ONLY ONE RECORDED -

TUMOR SCORE

0

ORAL TMRS EXT: YES OR NO

—

EMACIATION CODE

—

OLD TAGS:

Empty table for old tags

NEW TAGS:

REF ONLY ONE RECORDED -
423637666F

STRAIGHT CARAPACE - LENGTH:

— cm

WIDTH:

— cm

NOTCH LENGTH:

— cm

DB:

∅ L.O.

VB:

∅ L.O.

CURVED CARAPACE LENGTH:

98.5 cm

WIDTH:

83.5 cm

HEAD WIDTH:

— cm

AXIAL:

— cm

LATERAL:

— cm

PPS: YES OR NO OR NE

—

SEX: Male, Female or Undetermined

F

TAIL LENGTH: T

— cm

C

— cm

RIGHT FRONT FLIPPER WIDTH:

— cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

— cm

WEIGHT:

— #

lots of pictures taken - Satellite tag ST14 4809 with antenna still intact removed with HACK SAW. took about 10 minutes. Perfect Scutes underneath.

DESCRIPTIVE REMARKS:

IN BOX APPROX. 945 - 10PM, Motionless on the beach ON DRY SAND FOR AT LEAST 35 MIN. after crawling out of the water.

Becky Grady's Birthday today

Becky and Mary Jane Grady and Nigel assisted. Released ~ 1005 PM - slow return to the water.

(50)

MAUI Ocean Center
197 Ma'alaea Rd.
WAILUKU, MAUI
96793

John German's son:

Jonathan German Jordenias@hawaii.com
25 Lower Kula Rd

Maude E-Mail

TREMBLAY

Maui Maude@aol.com

Mailing
address

120 Hana Hwy #9
PMB 276
Paia, HI 96779

715 am 3/8/03 John German

20° 29.08' N
156° 16.213 W

1500' depth Anewyitaha Channel
27.3 miles ^{EAST} ~~WEST~~ of Ma'alea Harbor
dove to 20' then 50'
direction of big Island

photos taken. Made a swim -
loop x first.

See page 13

5019

ID 19603

36

NAME
"NAKINE"
("NAKINE")
("NAKINE")

Revised 04/04/01

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

12/48 Duty Cycle
hours ON
hours OFF

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 3.7.03

Telonics Factory
#487325

CAPTURE DATE, LOCATION AND METHOD:

3-7-03 Maui Ocean Center Sea Life Park
Friday Captive Reared
PERSON RECORDING DATA: MAUDE TREMBLAY

TUMOR SCORE

0

ORAL TMRS EXT:

YES OR NO
-

EMACIATION CODE

0

OLD TAGS:

UH42502F0418

RH4240380C5A

NEW SAT 19603

NEW TAGS:

RFL

LFL

STRAIGHT CARAPACE - LENGTH:

46.2 cm

WIDTH:

37.2 cm

NOTCH LENGTH:

45.9 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

50.0 cm

WIDTH:

43.5 cm

HEAD WIDTH:

7.5 cm

AXIAL:

21.0 cm

LATERAL:

21.1 cm

PPS: YES OR NO OR NE

YES

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

10.0 cm

C

7.0 cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

7.9 cm

PLASTRON LENGTH:

38.5 cm

WEIGHT:

34.0 #

ORAL exam Revealed Small

DESCRIPTIVE REMARKS:

Attachment consisted of 3 layers w/castro -

Scabby plaque on tongue,

Ulva bolus in throat (eaten from Rocks of Jolly)

ANTENNA Posterior (think)

(2 1/2 years old - SLP hatch Summer 2001) Moto #1 renewed third lateral Right new #1 " " " left

Released by John Gorman MOC at 20 29.08 North, 156 16.213 West, 1500 ft depth, 27.3 miles EAST of Mahealani Harbor. 3/8/03 Released by John Gorman MOC at 20 29.08 North, 156 16.213 West, 1500 ft depth, 27.3 miles EAST of Mahealani Harbor.

2003

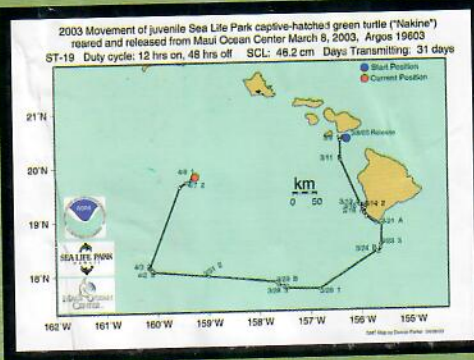
Follow the Journey of Nakine



What happens when you take a sea turtle that was born and raised in captivity and release it in the ocean, several miles away from the nearest point of land? No one knows for sure, but with the help of space age technology, a few scientists and time, we may soon find out. Nakine, a green sea turtle, was born at Sea Life Park from captive parents and moved to Maui Ocean Center almost one year ago when she was 18 months old. On March 8, Nakine (Hawaiian for Nadine), was outfitted with a small satellite tracker and released in the Alenuihaha Channel (between Maui and Hawaii), 27 miles out of Ma'alaea Harbor. After a few days of staying fairly close to where she was released, she has headed south, making a stop along south Kona, and then continuing southeast, far from land.

This wasn't the first time a captive-reared juvenile sea turtle was released with a satellite tracker attached. Last summer, Turtle 22270, also born at Sea Life Park but raised at Mauna Lani Resort on the Big Island, was released about five miles offshore in the Alenuihaha Channel. After 9 months and 3,000 miles of travel, Turtle 22270 has come back to the shores of Mauna Lani and appears to be settling close to where it was raised.

How was Turtle 22270 able to find it's way back to Mauna Lani? Sea turtle expert George Balazs, with the Honolulu Laboratory of NOAA National Marine Fisheries Service, who is leading this research, shared "no one knows, but several of our scientists are working hard to figure it out."



If you would like to receive updates on the progress of Nakine, please email info@mauiocenter.com, with subject line Nakine.

Maui book

M A U I O C E A N C E N T E R

M E M B E R S ' N E W S L E T T E R



kahakai

Winter 2003, Vol. 1, Issue 15
Check out our website at
www.mauiocceancenter.com

W a t e r s E d g e

Maui Girl returns

Turtle nesting again, a year later than expected

By **MELISSA TANJI**
Staff Writer

Hawaii's green sea turtle expert felt "great excitement" when he learned this summer that "Maui Girl" had come to nest in Lahaina again.

Turtle fanciers had feared that Maui Girl had died because she failed to show up to dig nests last year, said George Balazs, leader of the Marine Turtle Research Program at the federal Pacific Islands Fisheries Science Center on Oahu.

The green sea turtle, known in research reports as 5690 but to her fans as Maui Girl, since 2000 has been showing up consistently every other year to nest on Maui's west

side. Balazs said researchers became worried when she didn't nest last year.

"So great excitement when it came apparent she had to do a three-year (nesting) cycle after all those years of two-year cycles," he said Monday.

"My excitement is she's alive, she's well, she's back," Balazs added. He said he's not going to worry about why she took three years to nest instead of her usual two.

Over the weekend, Maui Girl completed at least her second nest

See TURTLE
on the next page

(over)



PETER BENNETT photo

Maui Girl, officially known as turtle 5690, lays her eggs early Sunday morning on a beach near Front Street in Lahaina.

Maui News - July 26, 2011

cont. p. 56

53

KAMAHA MDC
WINTER 2003

Ever wonder what green sea turtles eat in captivity? Do they grow faster than those in the wild? How are they cared for? Two college students who are studying the green sea turtles at Maui Ocean Center will answer these questions and more. Maude Tremblay and Robyn Allen, both Marine Science majors at University of Hawai'i at Hilo, are doing separate research projects involving the turtles.



Maude Tremblay, who also works as a naturalist at Maui Ocean Center, is studying the growth rate of captive-bred versus wild sea turtles around Hawai'i for her senior thesis, under the guidance of Professor Coopsmith and John Gorman, the aquarium's Curatorial Director. It has been assumed that turtles in captivity grow faster than those in the wild. Tremblay will be studying the diet and growth rates of the sea turtles for the entire school year. The nutritional content of the diet will be analyzed, and the turtles will be weighed and measured monthly. The data will be compared with past research of wild turtles, including a recent study on the growth rates of Hawaiian green sea turtles published by George Balazs of the National Marine Fisheries Service. "What I find fascinating about the turtles is that their ancestors have been around since the time of the dinosaurs," said Tremblay. "They are such wise and peaceful animals, we have a lot to learn from them."

Robyn Allen is studying the sea turtles at Maui Ocean Center through her Marine Science Senior Internship. Allen is studying the daily care for the green sea turtles as well as developing an updated husbandry model for the turtles. This model will be used by Maui Ocean Center and possibly other aquariums or marine parks in the future as a daily guide on tank maintenance, feeding, and general care guide. Robyn became interested in sea turtles while working on a snorkel boat. "I loved being able to swim with the turtles, but you have to keep your distance. Doing the research, I am able to really study them closely, they are so amazing!" explained Allen.

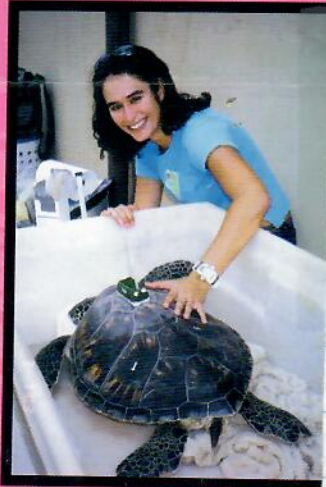
The green sea turtles at Maui Ocean Center were hatched and raised at Sea Life Park on Oahu. At eighteen months old, they were sent to Maui Ocean Center as part of the Turtle Ambassador Program, where they will continue to grow for a couple of years before they are released to the ocean. The turtles are under the care of Maui Ocean Center staff, veterinarian Greg Levine, and sea turtle expert George Balazs.

Maui Ocean Center's Curatorial Director, John Gorman is thrilled about the research being done with the sea turtles. "This is what Maui Ocean Center is about: to provide a research outlet for students, to work with Sea Life Park and National Marine Fisheries staff, and to provide useful information that has endless applications; we know we are making a difference," Gorman replied.

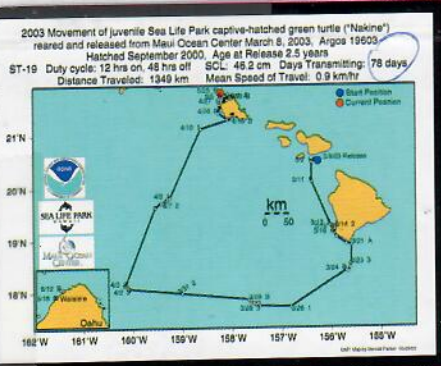


Following Nakine

If you take a juvenile sea turtle and release it far from land, where will it go? In March, one of Maui Ocean Center's green sea turtles was released in the Alenuihaha Channel between Maui and the Big Island with a satellite transmitter attached. After swimming over 800 miles, Nakine is currently on the north shore of Oahu, only 37 miles from where she was hatched at Sea Life Park. Nakine spent the first 18 months of her life at Sea Life Park, then spent the next year eating, sleeping, and swimming with her Turtle Lagoon mates at Maui Ocean Center. As part of an experiment to learn more about the navigation and lifestyle of juvenile green sea turtles, George Balazs and other scientists from the National Marine Fisheries Service are following the adventures of Nakine and her predecessor, Turtle 22270. Last year, Turtle 22270, born at Sea Life Park, but raised at Mauna Lani on the Big Island, was also released offshore with a satellite transmitter attached. After 9 months and 3,000



56



miles of
 travel, Turtle
 2 2 2 7 0
 appears to
 have settled
 close to the
 shores of
 Mauna Lani.
 Do sea turtles
 have an
 internal naviga-

tion system that allows them to return to, or at least close to, familiar territory? Or, are these landings just coincidental? While it may take a few more juvenile turtle journeys to get more understanding, it seems the wonders of nature are just as incredible as the high-tech gadgets that allow us to learn about them.

KAHAKAI Summer 2003

FROM p. 53
 go TO p. 60

Turtle

Continued from Page A1

this season in Lahaina near the 505 Front Street shopping center under the watchful eyes of turtle enthusiasts and sport divers Peter Bennett and his wife, Ursula Keuper-Bennett, of Mississauga, Ontario, who are here most every summer.

Bennett said that early Sunday morning, Maui Girl made her nest near the one she made two weeks ago at the same beach. Green sea turtles, which are federally listed as threatened, return several times to nest in one summer season.

"Every time it's always quite fascinating," Bennett said of the nesting process.

While it takes Maui Girl only around 15 minutes to lay her 100 or more eggs, the nesting process lasts hours, as she may go around and around the sandy shore area to find a suitable spot, Bennett said.

After finding a likely spot, Maui Girl first digs a "body pit." The pit may be 18 inches or deeper. Then she digs an egg chamber, also around 18 inches deep. The chamber may be shaped like an upside-down light bulb, narrow at the top and wider at the bottom, Ben-

nett said.

Then she covers the area up

"It takes a while," said Bennett, who has watched the process many times. "She covers it up right up to the level of sand she starts to dig.

"It's very exhausting for a turtle," he added.

When she's done, she submerges herself back into the water again. If no one spots her, turtle watchers often detect the appearance of a new nest by the marks she leaves in the sand. Her habit of sticking pretty close to the stretch of beach from Lahaina Shores to Kame-

2003

57

Date: Wed, 23 Jul 2003 21:53:36 -1000
From: Ursula Keuper-Bennett <howzit@turtles.org>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Cc: Peter Bennett <honu@turtles.org>
Subject: Re: Reporting sighting of U249

Today.

Sighted July 23, 2003, 2:22 pm. 40 feet. Mt. Balazs.

Oh. And we watched Our video of the sighting of 5690 off Hawea. Funny. Like the discussion between Peter and me. And how it's only when Peter says, "Oh yes, that's her. Definitely." that I then say, "OK, You can phone George now."

Speaking of 5690. Better get to sleep. Peter's going kayaking in the hopes of seeing her tomorrow.

Last. He told me you said something about next time he sees a lot of dolphins to get out of the water because large sharks like to trail such pods hoping to pick off babies Flippers.

Anything ELSE you care to share Before Peter drops into Hawea ocean tomorrow morning????

At 09:48 PM 7/23/2003 -1000, George H. Balazs wrote:

>Date. I need a date to enter in data base. U249 firm enough for sure.
>But need the date and approx depth. Honokowai is sooo wonderful. And so
>is 56 90 my only true love of lately!

>
> *****
> * 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 *
> *****

>"Fire in the Turtle House: The Green Sea Turtle and the Fate of the Ocean"
> <<http://www.publicaffairsbooks.com/books/fire.html>>

>On Wed, 23 Jul 2003, Ursula Keuper-Bennett wrote:

>
> > Sighted earlier this summer but didn't get her on video. To be a
> > "recovery" we Must get her pic.

> > u249 resting at Mt. Balazs (NorthHouse) 2:22 pm.

7/23/03

5/27
Date: Fri, 25 Jul 2003 16:34:10 -1000...
From: Ursula Keuper-Bennett <howzit@turtles.org>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Re: 5690 was not there this morning

I was up there with nothing happening and was reminded how she did that to us last summer, remember? How tired we were --you were? And we were about to call it quits but we were too stubborn to give up and decided to give it a half hour more.

And then Peter saw her.

Podure Muri

And then we decided to wait some more and eventually she nested in front of that Other house.

Same today on the rocks. Nothing happening. But it teaches you persistence. Continuing to do your job even after normal people'd call it a day.

The only difference now (what with my new philosophy) is I don't hurl swear words to the heavens. I just accept what is.

I think these honu temper our lives and eventually help us with old age and death, George. I'm still not close to understanding how they affect us. But make no mistake, that's what they're doing.

At 12:35 PM 7/25/2003 -1000, you wrote:
>life can be like that at times.

>
>
> *****
> * 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 *
> *****
>

>"Fire in the Turtle House: The Green Sea Turtle and the Fate of the Ocean"
> <<http://www.publicaffairsbooks.com/books/fire.html>>
>

>On Fri, 25 Jul 2003, Ursula Keuper-Bennett wrote:

>
> > Peter sat in a kayak. Me on the cliff.
> >
> > She wasn't in the building.
> >
> > Going for our first dive to the Alealoa now.

Date: Fri, 25 Jul 2003 20:48:20 -1000
From: Ursula Keuper-Bennett <howzit@turtles.org>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Oh yeah, forgot to tell you

Just before sunset we went to Fleming. Lots of foraging! We're going back tomorrow too but earlier to hit the late pm sun. BETTER than SmokeHouse since they're closer once you climb the rocks.

Then went to Napili looked at the North side. Zip honu.

Then went to Gazebo side. Zip too. NO foraging at all.

The action's at Fleming but no 5690.

Reduce

Maui

Date: Fri, 25 Jul 2003 16:48:15 -1000
From: Ursula Keuper-Bennett <howzit@turtles.org>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Aleaola

We just got back from our first dive. Lesson? Dive in the morning! More turtles.

But George, the TURDS! They were Everywhere!

And cripes, we saw the biggest turd Ever. I swear. I figure this'd be something Archelon itself might have passed. The size (and shape) of a medium coconut.

At first I didn't know what it was. I had to break it up to make certain it actually was a honu turd.

And yes. We sure took photos all right.

Far more FP --Peter and I agree that there wasn't a single honu who didn't have tumours. From very little to perhaps a #2. Plenty of regression. But this site is a newer FP site than Honokowai.

Reduce

Maui

10

Date: Sat, 26 Jul 2003 12:40:13 -1000
From: Ursula Keuper-Bennett <howzit@turtles.org>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Cc: Peter Bennett <honu@turtles.org>
Subject: Re: i'm having second thoughts about coming tomorrow...

To be honest, I never read the entire press release. Just the first paragraph. I have now -- read the whole thing and understand what you mean. They truly overstated the threat of FP. Remember when both the Hawaiian and Florida state assemblies declared FP a serious threat to sea turtles? Well it was back then.

Need
1/2

Now we know differently. At least as long as Hawaii isn't Honokowai. Honokowai itself still shows FP to be a serious potential threat. But the conditions here are atypical so we can be thankful.

Peter
MAUI

Anyway. Saw 5690 today. I saw her four times through binocs. Once she was up close to a minute and a half. But the kayakers got essentially rip in the way of pics. So I'm giving up. The message to me is clear.

If it were meant to be, I'd know it. And I don't.

At 10:13 AM 7/26/2003 -1000, George H. Balazs wrote:
>who doesn't give shit about truth, solid science, the facts? Give Me A
>Break Ursula. FP Ravaging turtle populations worldwide?
>Where is that? Honokowai? Did the guy ask anyone for an update on FP?

From p. 56

hamehaiki Park makes her easy to monitor.

Bennett said the area around the new nest is roped off.

Maui Girl is a famous and significant turtle. Balazs says she is unique as the first captive-reared Hawaiian green sea turtle known for certain to have grown to maturity and started reproducing. The tag attached to her small body when she was set into the ocean off the Big Island survived for decades, as has she.

She also is the first green sea turtle known to have nested in Lahaina in 50 years.

Although Balazs wasn't

worried about why Maui Girl didn't nest last year, he and others speculate that it could be related to the algae in the Napili and Kapalua area where she lives.

He said that several years ago, residents and visitors complained about the stinky and ever-growing algae.

It can be a nuisance for humans, but the algae is food for the turtles. Balazs said green sea turtles take a year or so to get fat enough to lay eggs, whose yolks are rich in fat.

Bennett said Maui Girl usually lays around 80 to 90 eggs

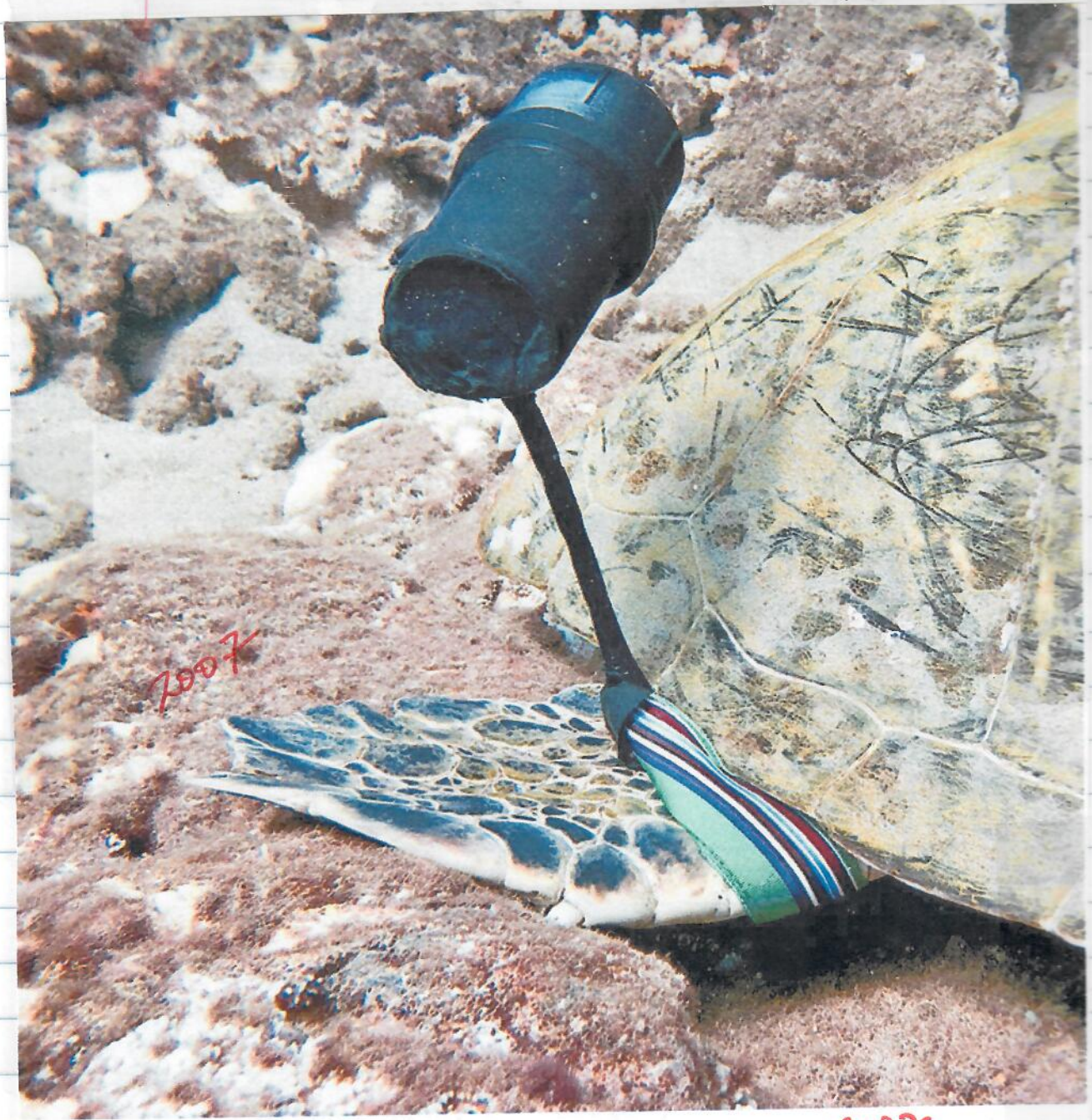
compared to about 100 that are more usual for other turtles.

But Maui Girl tends to make more nestings, more than the four or five that the turtles usually make.

Bennett said it takes about two months for a turtle's eggs to hatch, but Maui Girl's eggs may hatch sooner, as this nest is out in the sun.

She is expected to come back in about two weeks to nest again.

■ Melissa Tanji
can be reached
at mtanji@mauinews.com.



2007

2007

070822dive36ukb_0024.jpg Content-Type: IMAGE/JPEG
Content-Encoding: BASE64

Handwritten text, possibly a date or location, written in pencil or light ink.

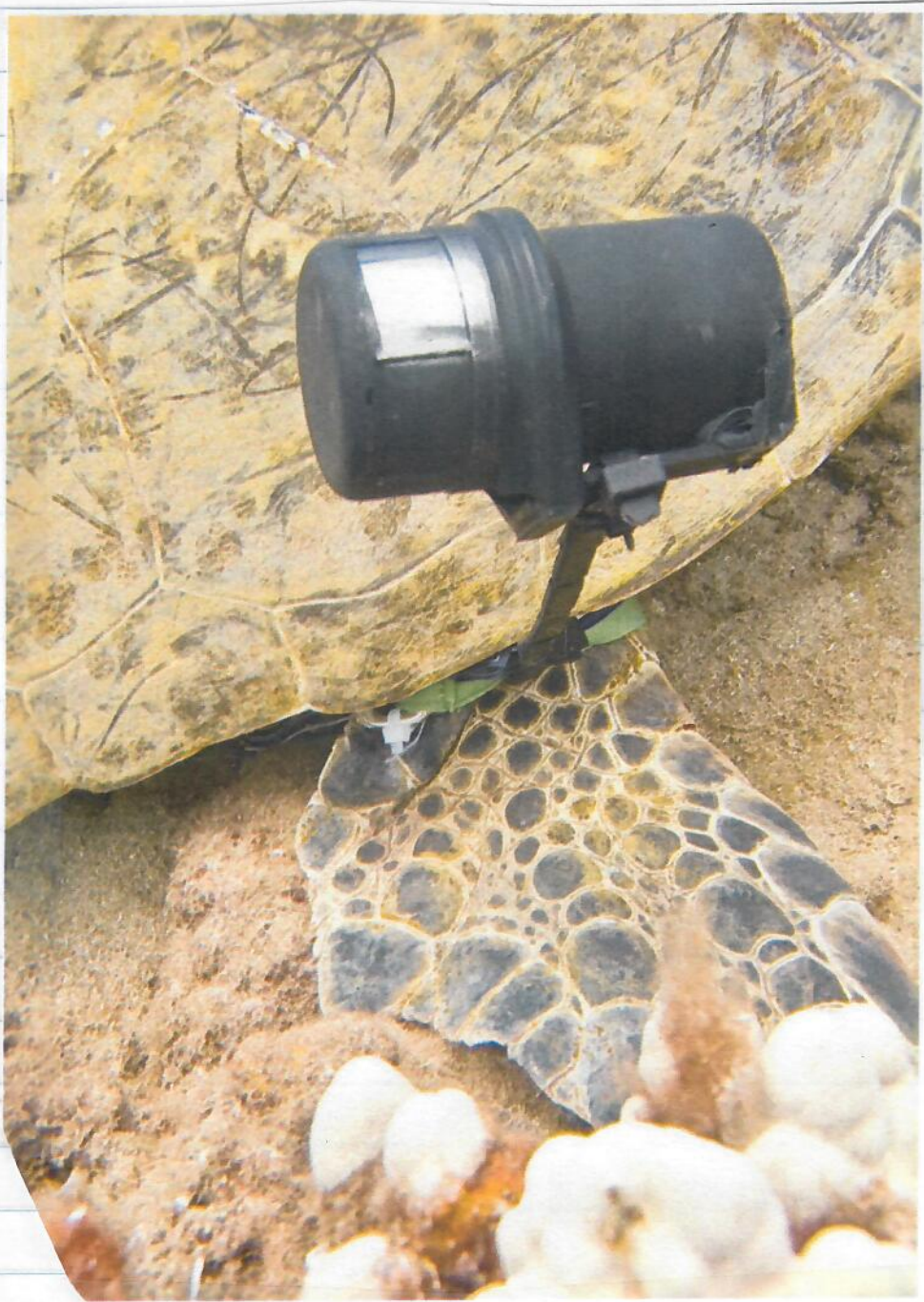
12

DATE: 27 Jul 2007



August 2007
Honokowai

63



TRACKER KEY INSIDE

Five turtles heading out to sea today

By HARRY EAGAR
Staff Writer - *Maui News*

10-28-04

MAALAEA - Decisions, decisions. Five green sea turtles were swimming Wednesday in the tank where they spent the past 2 1/2 years.

This morning, all were to be set free in the ocean, but only one would get to wear a satellite tracker on his (or her) back.

"All have excellent medical records," said George Balazs, leader of the Marine Turtle Research Program in Hawaii of the National Marine Fisheries Service.

So it came down to personality. No question, the most popular honu at Maui Ocean Center has been Kupualoha ("Flower of Love"), so, she (or he) got the call, subject to behaving herself (or himself) during the hour or so it took to get the transmitter on with

Most releases of young turtles, including Maui Girl (5690), the famous egg layer of Lahaina, are in near-shore waters. But Gorman said researchers were curious to learn what a turtle would do if set loose in open water.

He had expected Nakine to stick his head up and look around, but instead the turtle immediately dived for "the deep blue" in 1,200 feet of water.

Photographers and videographers swimming nearby waiting for some good shots barely managed to catch Nakine's taillights.

Nakine's satellite transmitter, however, worked splendidly. Two or three months of signals is "a good track," says Balazs. Eight or nine months is "a super track."

Nakine kept broadcasting until July, more than a year.

Her (or his) wanderings also were a surprise. Nakine, who was born at Sea Life Park and had known only a pool at Maalaea, monitored straight down the Kona Coast, paused at South Point, then struck out in the direction of Johnson Island.

After going south for about a hundred miles, however, Nakine turned southwest, then west, swimming hundreds of miles toward Japan. That took only a month.

Then Nakine turned back northwest and made a fast transit to the North Shore of Oahu, where the turtle has stayed ever since.

The North Shore is "great turtle habitat," says Balazs.

He has been studying green sea turtles since the 1960s, and they continue to be unpredictable. Some, on release, hug the shore, where their favorite food, limu, is available.

Others show hobo tendencies, swimming far out to sea, feeding on zooplankton.

The five Maui Ocean Center turtles have been chowing down on an all-vegetable diet of broccoli, carrots and lettuce.

Young turtles need protein, said Gorman, but Maui Ocean Center was careful not to include any fish or squid in their rations. The caretakers didn't want the turtles to get

When John Gorman, the aquarium's head curator, lifted Kupualoha, it looked as if she (the turtle) was going to blow her big chance. The 55-pound, 4-year-old flapped her flippers like an angry goose and appeared as indignant as a turtle can look.

However, once laid down with a towel over her head, Kupualoha behaved, and the transmitter, which is about the size of a pack of cigarettes, went on without trouble.

Balazs and assistant Bridget McBride, an intern, scratched "GM" for Turtle No. 6 Maui lightly on the carapace and painted the scratches with white refrigerator touchup paint to help divers identify the honu.

At 6 a.m. today, five turtles and a posse of Maui Ocean Center and Pacific Whale Foundation staff and volunteers boarded a PWF boat for a short cruise to the release grounds.

The chances of seeing any of the other four again are fairly small, but with luck Kupualoha will be tracked for months.

One of the turtles' mates, Nakine, was released at age 2 1/2 in March 2003 in deep water in the Alenuihaha Channel.

used to fishy food and perhaps be attracted to the scent on fishermen's hooks.

Instead, for protein, they got Honu Chow, a mixture of a gelled protein, spinach and spirulina that looks something like Greek mousaka.

(One turtle also ate some expensive greenstuff - a \$20 bill, the remains of which, after passing through the turtle from front to back, now are pinned to a wall at the aquarium.)

Maui Ocean Center cooperates with the NMFS and Sea Life Park to nurture turtles for research, and, perhaps, a better chance of survival to maturity, which takes around 20 years.

Nobody knows, said Gorman, whether a 4-year-old, pond-raised turtle has a better chance in the wild than one that hatched out of a golfball-size egg on the beach and crawled to sea by itself. But the sea is a dangerous place for turtles, and it seems likely that a hefty youngster, with a carapace more than 20 inches long, might do better than a

thumb-size infant.

Sea Life Park has a breeding population of 18 green sea turtles, collected in 1976, before the animals were listed as threatened and collection became more difficult. Sea Life Park also still takes in and nurses injured and sick turtles reported to Balazs' network.

The park also lends turtles, and when these return - some get as far from the ocean as Oklahoma - they add to the breeding population.

Maui Ocean Center became foster parent to the six young turtles in March 2002, when they weighed 12 pounds each. The last time Gorman took them out for a check, in September, they weighed around 55 pounds.

Liz Smith, the public relations manager at Maui Ocean Center, said that after the Gang of Five is gone, the aquarium will break down the honu tank, clean it and prepare for another class.

■ *Harry Eagar can be reached at heagar@mauinews.com.*



Maui Ocean Center / LIZ SMITH photo

George Balazs, with intern Bridget McBride assisting, paints surfboard resin on the back of Kupualoha to hold a satellite transmitter to its back. "6M" means this is turtle No. 6 of a group of six raised at Maui Ocean Center. The transmitter batteries may be good for a year, but usually turtles damage them by rubbing them on rocks much sooner.

(15)

25

HAWAII WILDLIFE FUND



HAWKSBILL RECOVERY PROJECT

2002

67

Date: Sat, 23 Nov 2002 20:06:47 -1000
From: Robert Baker <sundiver@maui.net>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Re: Turtles with tumors

[Part 1, Text/PLAIN 53 lines.]
[Unable to print this part.]

Maui Book Review

They have been.

Aloha,

My Name is Bobby baker & I've owned and operated a small beach diving operation on Maui since 1979. I see turtles with tumors almost daily from Ulua beach to Ahihi bay. Will be happy to report them to you if interested. What are you interested in ? Size of tumors? Where located, size of turtles?

A few quick questions. Is this disease contagious and if so, shouldn't the sick turtles be removed? Is there a vaccine or medication available to cure them? I NEVER saw sick turtles off Kihei or Lahaina until they built the god damned golf courses! Is it possible that the run off pollution from the courses knocking down their immune systems and making them vulnerable to the disease? Are the tumors always fatal?

I've found Very large dead or dying turtles many times with tumors that've grown completely across their eyes. Should someone be alerted as to the plight of these poor creatures? Is there anything we can do to help?

Aloha & Thanks!

Bobby

sw "THE BEST HALF OF MAUI IS UNDERWATER!"

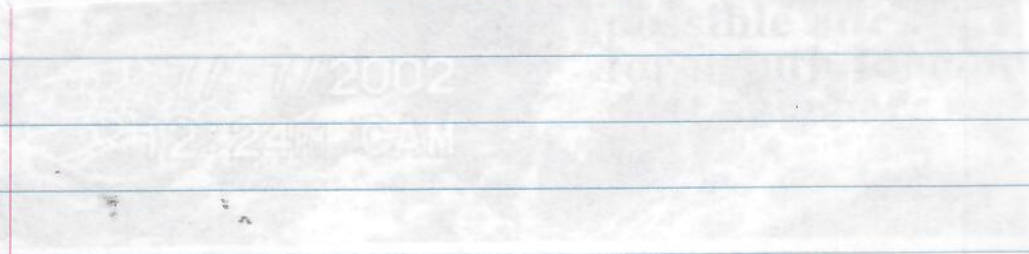
Bobby Baker's Maui Sun Divers
PO box 565
KIHEI, HI 96753

Ph/ tollfree 877-879-3337 (877-TRY-DEEP)
fx/ 808-879-3631

e-mail: <sundiver@maui.net>
Web page: <http://www.mauisundivers.com>

At 05:52 PM 11/23/2002 -1000, you wrote:

On November 20th a turtle with a large facial tumor located off Makena/Secret Beach was reported to me on my office phone voice mail. Unfortunately, no name or call back number was left. Might any of you have seen such a turtle in the past week or so, and be willing to talk about it by phone? Best Regards, George



Maintenance worker lauded for helping baby green sea turtles

Hatchlings were mistakenly headed for Front Street

LAHAINA — It takes a village, evidently, to get baby sea turtles off to a good start.

Shortly before 1 a.m. Tuesday, Clint Kahahane, a guard/maintenance worker at 505 Front Street, encountered a baby green sea turtle on the sidewalk at Kamehamehaiki Park, heading for Front Street.

The escapee was from the sixth nest of Turtle 5690, the only green sea turtle known to have nested on the west side in 50 years.

Kahahane scooped up the baby and set it on the sand facing in the right direction. Other passers-by got other hatchlings pointed toward the water, and Kahahane was able to douse lights at the canoe hale that apparently were confusing the hatchlings.

Normally, passers-by are forbidden by the Endangered Species Act from touching or interfering with the threatened animals, but this was an emergency.

George Balazs, who heads the turtle recovery program in the islands, nominated Kahahane as a "Honu Hero of the Month" for pitching in.

Later, the Maui turtle troops were called in to inspect the nest and make sure stragglers were helped out.

The Maui Department of Parks and Recreation had turned off a high, bright light that Balazs had worried would distract the turtles.

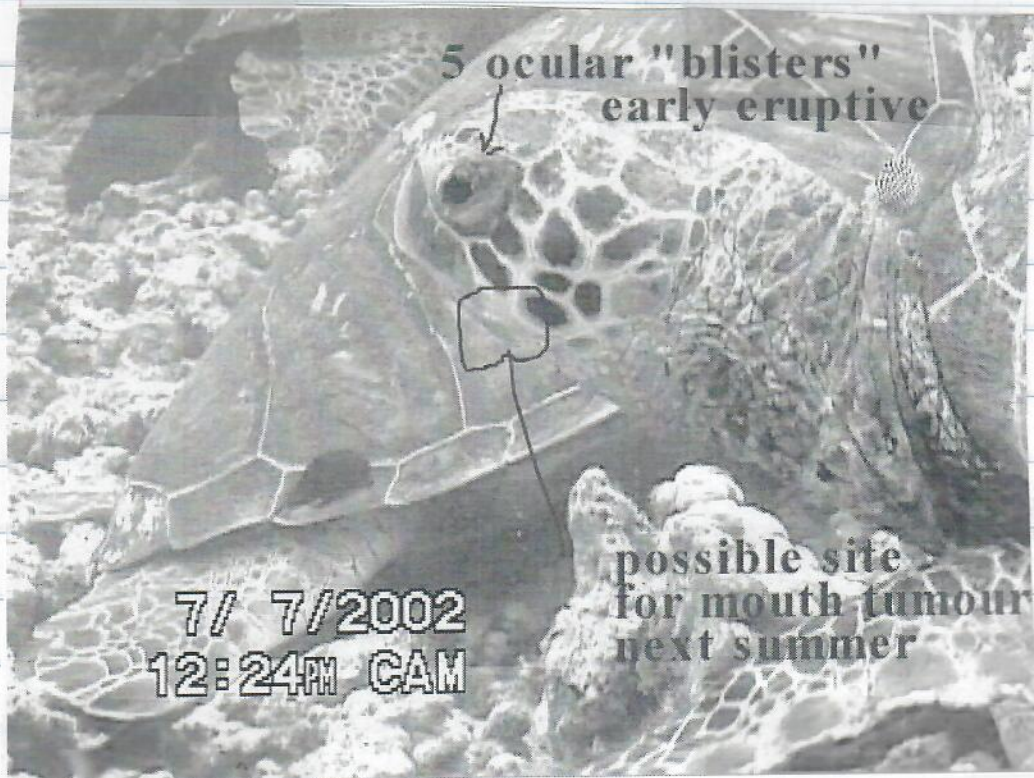
Apparently, it was lower, smaller lights that caused the trouble Tuesday morning.

Turtles hatch at night and head for light, but in natural conditions it would be the moon shining on the sea.

Skippy Hau of the Aquatic Resources Division of the state Department of Land and Natural Resources was contacting people in the area Tuesday to ensure that the lights will be off when 5690's seventh and last nest is scheduled to hatch out in about two weeks.

Reduce
Maui book
Honu
Hero of the Month

69



13

Date: Tue, 15 Oct 2002 03:08:15 EDT
From: NapiliJoani@aol.com
To: gbalazs@honlab.nmfs.hawaii.edu
Subject: nest 7

[Part 1, Text/PLAIN 12 lines.]
[Unable to print this part.]

But emerged Sunday night

howdy George, I had a great trip to Kahoolawe, boy have they got some weeds this year, anyway I checked nest Mon. a.m. 7 oclock, nice puka in center bac of enclosure + many tracks, there looked like massconfusion + I saw tracks headed for grass + park + surenough I found alittle guy stuck by the streetcurb he was so darling + full of energy when i put him shoreside. Here is the teachers address ,Lynda she was excited when I called her, she had my daughter years ago,, oh yeah I saw Rene Silva at his house Sat. he said hello to you + told me the olive ridley story, I love to listen to his stories take care a hui hou joani

Sent

Linda Thomas
P.O. Box 606
Lahaina, H.I. 96761

Reduce Maui

Letter:
The 55 world
Apparently, it was lower, weather lighter that caused the trouble Tuesday morning
Turtles II
Slippy II

Date: Thu, 17 Apr 2003 11:14:35 -1000
From: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
To: Pauline Fiene <severns@mauigateway.com>
Subject: Re: Resighting of tagged turtle Q788

Q788

Aloha Pauline, another very good but sad tag recovery, we are very appreciative. Turtle Q788 was originally tagged by us as a wild turtle living in and around the Hilton Waikoloa Resort over in North Kona. We captured, measured and tagged it on 9/30/97 with the assistance of Marc Rice and his students at the Hawaii Preparatory Academy (our research partners along that coastline). The turtle weight 89lbs and was 67.4 cm (26.5 inches) in straight-line carapace length. Did the turtle look much larger when Tara Walker saw it? The sad part is of course the tumors. There were no tumors on the turtle when it lived on the Kona Coast. We've seen this happen several times now, with regret. Turtles on the Kona Coast are free of tumors, but when they move to south and west Maui tumors develop. Interestingly, the forage at the Waikoloa is pretty abundant in comparison to other sites up and down the Kona Coast. One wonders when the turtle felt compelled to relocate to Maui. Again, Thanks to you and to Tara for the resighting which has now been entered into our computerized data base. Best Regards, George
PS The tag on the other front flipper is Q787. Also there's a PIT tag in the turtle.

On Wed, 16 Apr 2003, Pauline Fiene wrote:

> HI George:

>
> A new tagged turtle this week. Our divemaster Tara Walker read tag# Q788 or
> O788 at Haloa Point, Maui. She said it was a male with tumors on both its
> eyes and it had two tags, but she was only able to read one of them.

> Pauline

Historical Information for Turtle Tag Q787

Tag Information:

Tag Number	Date	Tag Type	Tag Position
7C771B58	9/30/97	PIT	PIT
Q787	9/30/97	I681	LFL
Q788	9/30/97	I681	RFL

Since Last Encounter

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Weight	Interval		lbs/r
						Month	Year	
9/30/97	Near Shore	Hawaii, Waikoloa, North Kona	0	-	89.0 <i>lbs</i>	---	---	---

Historical Information for Turtle Tag Q787

Tag Information:

Tag Number	Date	Tag Type	Tag Position
7C771B58	9/30/97	PIT	PIT
Q787	9/30/97	I681	LFL
Q788	9/30/97	I681	RFL

Since Last Encounter

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Straight Carapace	Interval		Growth-Rate
						Month	Year	
9/30/97	Near Shore	Hawaii, Waikoloa, North Kona	0	-	67.4	---	---	---

Date: Sat, 29 Mar 2003 13:05:35 -1000
 From: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
 To: "severns@mauigateway.com" <severns@mauigateway.com>
 Cc: Andy Schwanke <eelbite@maui.net>
 Subject: Re: U823 AND U824+

Reduce
U823

Aloha Pauline and Andy- Yep, very interesting but not unexpected. She's another of our East Island FFS nesters! First tagged on June 1, 1995. Then seen again at East Island again nesting of course on June 17, 1998. And then again on July 5, 2001. Looks like she's on a 3-year migration/breeding cycle. My prediction will be that you occasionally will keep on seeing her until about this time next year when she will again go off to that magical place for sea turtles. Flipper tags put on this turtle include U824, U825, U821, and U822 (one each for each of the 4 flippers). In addition, in 7/01 she became electronically tagged for life, a PIT tag was put in each hind flipper.

May I assume (hopefully) that no tumors were seen on her?
 Best Regards, George

On Fri, 28 Mar 2003, severns@mauigateway.com wrote:

> Dear George:
 >
 > A tagged turtle sighted off Kamaole Beach Park #2, U823 or U824. Andy
 > wasn't sure which one. This is a new one for us. Only the 4th tagged turtle
 > we have ever seen in our area.
 >
 > Hope it's interesting!

Historical Information for Turtle Tag U821

Tag Information:

Tag Number	Date	Tag Type	Tag Position
424F007A2B	7/5/01	PIT	RHF
424F19100C	7/5/01	PIT	LHF
U821	6/13/95		RHF
U822	6/13/95		LHF
U823	6/13/95		LFL
U824	6/13/95		RFL

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Straight Carapace	Since Last Encounter			
						Interval Month	Year	Growth-Rates cm/mo	cm/yr
6/13/95	Nesting	East	0	C	89.0	---	---	---	---
6/27/95	Nesting	East	0	X	89.0	---	---	---	---
6/28/95	Nesting	East	0	P	89.0	---	---	---	---
6/17/98	Nesting	East	0	X	89.5	35.0	2.9	0.0	0.2
7/5/01	Nesting	East	0	M	---	36.0	3.0	---	---

Overall				
Interval Month	Year	Growth-Rates		
		cm/mo	cm/yr	
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
36.0	3.0	0.0	0.2	---
72.0	6.0	---	---	---

Keuper
New Bird

Historical Information for Turtle Tag H238

Tag Information:

Tag Number	Date	Tag Type	Tag Position
H238	4/21/92	I681	LFL
H239	4/21/92	I681	RFL

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Straight Carapace	Since Last Encounter				Overall		
						Interval Month	Year	Growth-Rates cm/mo	cm/yr	Interval Month	Year	Growth-Rates cm/mo
4/21/92	Near Shore	Hawaii, Kiholo	0	-	52lbs 35.3	---	---	---	---	---	---	---
11/7/01	Near Shore	Maui, Olowalu	0	-	---	114.0	9.5	---	---	114.0	9.5	---

→ sighted by Cheryl Keuper (LFL H238) ~20' deep @ cleaning station with 6 other turtles

6/30/03 by Ursula & Peter at Hanalei wai

SIZE ESTIMATE =

Date: Sat, 05 Jul 2003 20:06:34 -1000
 From: Ursula Keuper-Bennett <howzit@turtles.org>
 To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
 Cc: Peter Bennett <honu@turtles.org>
 Subject: Napili --no 5690

But we did see three turtles. One had tumours (TS 2). Another was a kiddie feeding along the table.

We got a decent feel for the table and there's lots of Pterocladia there. Also lots along the rocks by the Gazebo. Eventually got out at sunset and walked up to restaurant to look for poppers.

We only saw one.

We're not sure if that's because we and a couple other snorkellers were in the water and that discouraged them coming in or there just aren't many turtles there.

Either way, we're planning a dive tomorrow --fairly early just to feel the place out. I also agree with Peter that our best approach is to try and find where she sleeps rather than pick up on her foraging.

If Peter got decent profiles on video, I'll work them into a Napili database.

association conference and I was wondering whether I might be able to see your photograph of a little green sitting by the table that you sent it to me last year. I would of course appropriately acknowledge the photographer. If you feel that it would be inappropriate please feel free to let me know.

I hope you and Peter are well and I look forward to seeing you when you come back.

37

Date: Sun, 06 Jul 2003 12:24:24 -1000
From: Ursula Keuper-Bennett <howzit@turtles.org>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Cc: Peter Bennett <honu@turtles.org>
Subject: Re: Napili --no 5690

Just got back from a truly unproductive dive at Napili.

Peter started heading seaward and I got nervous. I surfaced to find us far out seaward and downcurrent (south) of Gazebo. Peter said we never got deeper than 14 feet out there! So it's shallow for a long time.

It's not like Honokowai with reefs running perpendicular and you just follow them. Rocks scattered here and there and well, it's easy to get lost.

Didn't see a single turtle. DID get a good read on limu and stuff.

Next time it's with a kayak or dingy. Diving is pretty useless. Snorkelling MUCH better chance of seeing something.

George, we've had a tad of a setback. But I Will Not give up on this sucker. I want to SEE and photograph this lady! I got pissed off today. And that only Sets my resolve.

We aim to do more than see her, friend.

At 09:48 AM 7/6/2003 -1000, George H. Balazs wrote:
>Sounds good. very good. Remember she has an "L" on each side mototools
>larger than what you're used to. And the transmitter will make for a
>nice "profile" :)
>Hey never mind profile just get some beautiful photography of her! In
>fact never mind photography--- just SEE her that will be plenty good
>enough.
>
>Going back to Kona on Wednesday to work Kiholo, keep to look look to see
>if there's any more tumored turtles.

Date: Mon, 07 Jul 2003 12:05:55 -1000
From: Ursula Keuper-Bennett <howzit@turtles.org>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Cc: Peter Bennett <honu@turtles.org>
Subject: Fleming and Kewea Point

Peter talked to the lifeguard up there re: any nesting. No.

Also we went to where that nest was back a couple years ago. Nothing either. So you can rule out Fleming. At least for now.

Also went to talk to the kayak people at Kapalua about 5690 being around there and last seen at Haweia Point. They said they dive there and Kapalua all the time and never seen her.

So I think best chance to look for 5690 remains at Napili. But we're taking a different strategy. We're going to Gazebo with binocs and snorkeling stuff. We'll scan for the turtle and when(if) we sight her Peter hits the water to video while I scan ocean and point where she might be.

Just random snorkeling/diving ain't gonna cut it.

Rodwe

(75)

Date: Tue, 08 Jul 2003 06:39:59 -1000
From: Ursula Keuper-Bennett <howzit@turtles.org>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Cc: Peter Bennett <honu@turtles.org>
Subject: Re: photograph of turtle eating lyngbya

OOPS! Peter said, "What does George mean by this "second hand". And I said, I wrote him so he probably forgot! So I went to my email to find the Lyngbya message I'd sent you and guess what?

I wrote it but didn't SEND it! Our server was screwed for a bit one day this week.

So. Here's the message meant to be sent July 1st at 12:23 pm! Sorry about that, George! But I DID let you know right away. I always do. And I

>To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
>From: Ursula Keuper-Bennett <howzit@turtles.org>
>Subject: Definite Lyngbya bloom
>Cc: Peter Bennett <honu@turtles.org>

>Worst in years.

>Went to North House today and every single plant (Halimeda --you name it) is choked with Lyngbya. All colours.

>Sand in between reefs and extending all the way to the North, Lyngbya "fuzz" much of it containing sea hares.

>Sea hares for the most part small to medium size but have the full summer to grow. If those suckers ever let loose we'll have a snail rain the likes of which we haven't seen since 1998.

>The time we got Lost at our own dive site and Peter and I got separated for about ten minutes!

Redone July 1 2003

> Great to hear from you again. Actually we're already in Hawaii. By all means use the image. Be careful though... it's Not a "photograph". It's a video freeze frame and that means much lower quality.

> Our first dive we were horrified at the amount of Lyngbya here. Grew in abundance all over and right into the shallows! Our dive site looked like an aquarium gone bad. To the north, our Halimeda beds were brown instead of green.

> But we had a swell roll through here (kept us out of the water) and once we got back in, virtually All of the Lyngbya in the shallows was gone. And even in deeper water, it had lost its zip.

> It's coming back a bit now --but timidly.

> When you say "look forward to seeing you again soon" I hope you mean this summer. It would be great to have you visit again.

> Aloha,
> Ursula

> At 05:46 PM 7/8/2003 +1000, Karen Arthur wrote:
> >Dear Ursula,

> >>How are things. Are you gearing up for another summer in Hawaii??

> >>I am preparing a talk that I want to give at the Australian Marine Science Association Conference and I was wondering whether I might be able to use your photograph of a little green eating Lyngbya that you sent it to me last year. I would of course appropriately acknowledge the photographer. >>If you feel that it would be inappropriate please feel free to let me know.

> >>I hope you and Peter are well and I look forward to seeing you again soon.

> >>Karen

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Date: Fri, 11 Jul 2003 07:17:44 -1000
From: Ursula Keuper-Bennett <howzit@turtles.org>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Honokowai FP status

Very Encouraging.

Many honu who last year had FP --beginning eye tumours are now in regression. In fact most new cases of FP are limited to ocular involvement with regression the following year!

Also new turtles (as in never seen before) with tumours also are regression cases (although we can't prove this).

A very few honu --like Wana (your TDR honu from last summer) had only the barest Hint of ocular disruption (could barely call them eye tumours) and then regressed.

This is not to say we haven't seen bad cases. But the vast majority are doing Extremely well.

Date: Sat, 12 Jul 2003 05:12:56 -1000
From: Ursula Keuper-Bennett <howzit@turtles.org>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>, Peter Bennett <honu@turtles.org>
Subject: Re: Napili Point Resort

OK, I just surfed the Net for "Napili Point Resort" and there's mention of a "Honokeana Cove". When I searched for "Honokeana Cove" two resorts there make mention of "plentiful" sea turtles "as many as a dozen".

I also found that there's a resort named the "Honokeana Cove". We will check this area out but not today.

Saturday is Trax update day and I'm in shit. No summary OR cartoon even Thought of!

At 09:20 PM 7/11/2003 -1000, George H. Balazs wrote: *W/Noriko*
>When at the airport the other a.m. people at a breakfast table near us
>overheard conversation about honu. They were from San Diego but
>regularly stay at the Napili Point Resort (just Lahaina side of
>Gazebo?). They said there's a little "cove" there that the turtles (6-8
>at a time, some large) come inside for close viewing. Any idea of the
>place they are talking about? I walk a few buildings in that direction
>across grass. But didn't see any cove. Maybe they were just talking
>about close to the shoreline.

Date: Sat, 12 Jul 2003 06:52:14 -1000
From: Ursula Keuper-Bennett <howzit@turtles.org>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Cc: Peter Bennett <honu@turtles.org>
Subject: This morning's check out

OK.

Went to Napili. Nothing except two turtles (one tiny) and none feeding at Gazebo. Pterocladia on rocks all exposed because of low tide. Perhaps that's the reason for no-shows.

Next, found your Honokeana Cove and scanned it with binocs. No honu. Not a single dude. But again, low tide. VERY small protected cove. Rocky beach with a ramp going down to the ocean.

I suspect it's part of the kuleana for the Napili ohana.

Either way, it's more productive to check out feeders in late afternoon. But would be worth going to look at what happens when high tide is in early morning.

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Date: Tue, 22 Jul 2003 06:22:22 -1000
From: Peter Bennett <honu@turtles.org>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>,
Ursula Keuper-Bennett <howzit@turtles.org>
Subject: 5690 search

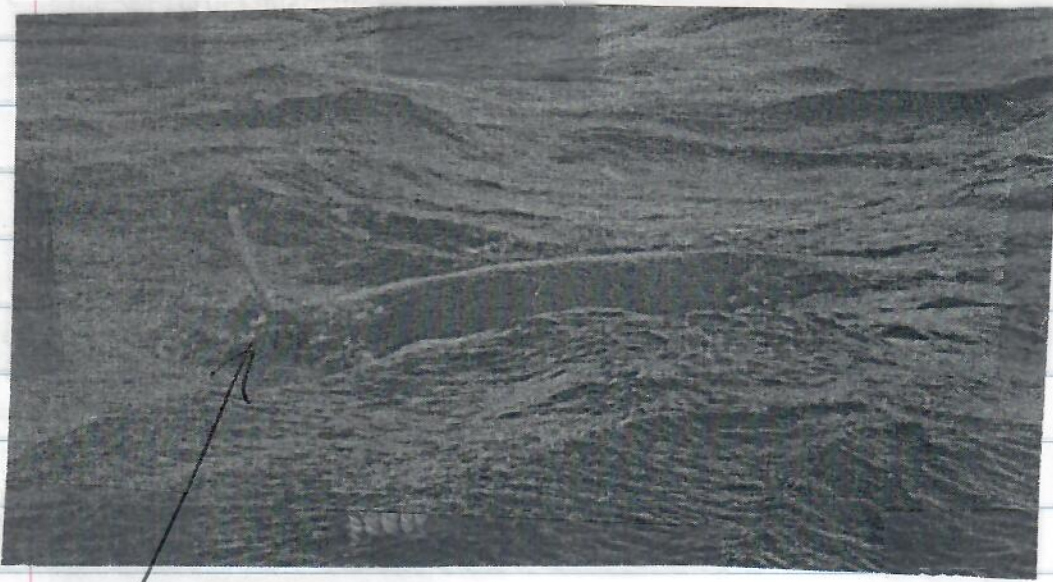
MW

Aloha George,

We're leaving to try to spot 5690 this AM from the shoreline. We'll be taking the cell and the GPS. Below is the access information we've got:

- >Be Aware:
- >Don't try this walk during high surf.
- >In spite of its scenic charms, the hike from Kapalua Beach to Hawea Point and Oneloa Bay is taken by few people. To get to Kapalua Beach, turn left from
- >Lower Honoapi'ilani Road, just north of an uphill S-turn near mm30. A
- >Shoreline Access sign points to a large parking lot. To the beach, walk
- >down the lot through a short tunnel. Walk to your right along the sand, or
- >the grassy fringes of the Kapalua Bay
- >
- >Hotel that sits above it. Stay on the fringes of the coastal bluff, there
- >is no trail-turning slightly uphill to your right along a fence line. Then
- >go left at a Public Shore sign, and make your way out to low-lying Hawea
- >Point Shoreline Conservation Area- the most au naturel spot around these
- >parts. Tide pools on its north side make for soaking tubs, when the
- >conditions are right. To continue to Oneloa Bay, double back from the
- >point, and head north on the lawn at the margin of nicely spaced
- >condomini-ums. You'll see the bay ahead. An easy path drops from the lawns
- >down to the south end of the beach.

Definitely not high surf today. All should be fine. We'll call if we see her.



(7)



Went to Napili. Nothing except two turtles (one grey) and some feeding on
Cassia. Stereocladia on rocks all exposed because of low tide. Perhaps
there are other things to be seen.

Next, found your tin-traps. They had scanned it with binocs. No birds. No
activity. Only a few small, very small protected ones. Rocky
beach with a ramp going down to the ocean.

I suspect it's part of the volcanic for the Napili cove.

Either way, it's more productive to check out feeders in late
afternoon. But would be worth going to look at what happens when high tide
is in very morning.