

THIS SIGN IS
U.S. GOVERNMENT
PROPERTY

HONULANI

LANIAKEA

NORTH SHORE

2003-

July 2003 - alco™ 2004

JUNE 2004

Composition Book

Name

GEORGE BALAZS

School

(808) 286-2899

Grade

3 OF 3

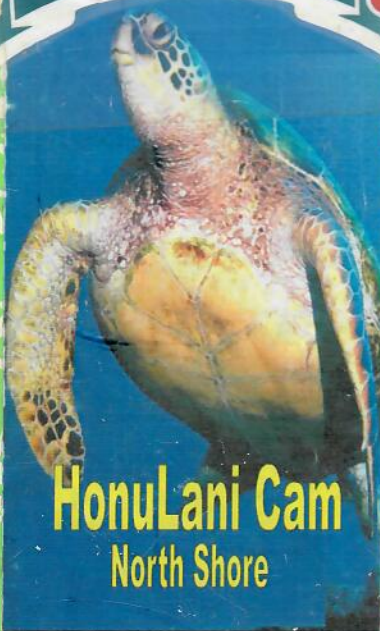
Wide Ruled

61-581 POHAKU LOA WAY
96712

9 3/4 v



HONU BEER



HonuLani Cam
North Shore



BALAZS

(121)

G514

L13

Agreed to send picture

Date	Type of Encounter	Location:	TumorRank:	NestingAct:	Curved Carapace
5/18/1992	Nesting	East	0	C	95.8
5/19/1992	Nesting	East	0	X	95.8
5/19/1992	Nesting	East	0	X	95.8
5/20/1992	Nesting	East	0	N	95.8
5/20/1992	Nesting	East	0	N	95.8
5/25/1992	Nesting	East	0	C	95.8
5/25/1992	Nesting	East	0	C	95.8
5/26/1992	Nesting	East	0	C	95.8
5/26/1992	Nesting	East	0	C	95.8
6/1/1992	Nesting	East	0	X	95.8
6/1/1992	Nesting	East	0	X	95.8
6/3/1992	Nesting	East	0	X	95.8
6/14/1992	Nesting	East	0	X	95.8
6/14/1992	Nesting	East	0	X	95.8
6/14/1992	Nesting	East	0	X	95.8
6/14/1992	Nesting	East	0	X	95.8
6/15/1992	Nesting	East	0	P	95.8
6/15/1992	Nesting	East	0	P	95.8
6/26/1992	Nesting	East	0	X	95.8
7/7/1992	Nesting	East	0	M	95.8
7/7/1992	Nesting	East	0	M	95.8
7/18/1992	Nesting	East	0	M	95.8
7/18/1992	Nesting	East	0	M	95.8
6/5/1996	Nesting	East	0	P	97.0
6/14/1996	Nesting	East	0	C	97.0
6/16/1996	Nesting	East	0	X	97.0

2/27/04 got

Kylie Young
67-568 Kahui St.
Waialua HI, 96791

Agreed

4 years 1996

Page 2 of 3

4 years

2000

Date	Type of Encounter	Location:	TumorRank:	NestingAct:	Curved Carapace
6/17/1996	Nesting	East	0	N	97.0
6/27/1996	Nesting	East	0	X	97.0
6/28/1996	Nesting	East	0	M	97.0
5/30/2000	Nesting	East	0	X	96.0
5/30/2000	Nesting	East	0	X	96.0
6/11/2000	Nesting	East	0	X	96.0
6/12/2000	Nesting	East	0	C	--
6/13/2000	Nesting	East	0	M	96.0
6/24/2000	Nesting	East	0	N	96.0
10/11/2002	Near Shore	Oahu, Lanikea	0	-	-
1/31/2004	Near Shore	Oahu, Chun's Reef, Basking	0	-	-

in water

ON ROCKS

Continued from p. 131

(153)

3/27/04 Arrived 1 PM Sunny day, Low
Saturday Surf Low wind,

Several turtles in shallows ^{HONOLULU} but
were basking ashore - none prior to my arrival!
according to Joanne. Cottage my side full of termites!

Walked 2:30 - 4 PM with J Palong raki
shoeline to Chursard beyond. Today Joanne
found 8 bushers blood side range in front of nest
door DRs. House - named by Oheia HONOLULU IKA
when we walked by there were 2,
BASKING \rightarrow L6 & L5 PM near but are recaptured.

5 PM L5 (8 centrals) & L9 in the water near shore

the water fairly fast (fearful of people)? Proceeded a
short distance to Joan Peck's Cove.
Counted 11 turtles - all sizes. Several of those
I on the Chursard side were head-first into
dead-end tunnels. We took them out. These
smaller are had tumors and was highly
heat stressed. Both were put into
Peck Cove - possible the smaller are
won't survive. Proceeded and met
Ped. He said that there were now several

154

3/27/04
Saturday

No work evident on
House, or Porums.

hauled out at Audrey Sutherland Cove (Jocks)

We found 3 turtles there - picture of 2 together - juvenile resting on an adult male 3rd one squared back into the water easily. Continued to walk on

beach Chums - Waimea Beach direction to rocky offshore place where on occasion JP has seen many turtles feeding in beach. Several seen now.

Just before this site a basket adult male encountered - RFF amputated and healed. Walked right by it and it showed no alarm, could see Alligator Rock in the distance.

Walked back to Chums on road and then up on road Pokulos way back. Passed forty stone in front of Audrey Sutherland - said to be special. I then showed JP the

"Long" stone at entrance to Peets. Back at Honulani we found 46 patting. L15 & L19 in nearshore with people. Later I tried feeding them in shallows using Ectocarpus

no interest. Instead L15 was cruising back & forth eating small algae in water column. DEPARTED about 7 PM.

When moving concrete sign around the high on beach I saw what almost surely was a Blind Hawaiian Anake!

with door open to let the birds

Date: Tue, 9 Mar 2004 23:54:20 EST
From: Jokaloke@aol.com
To: gbalazs@honlab.nmfs.hawaii.edu
Subject: Tuesday evening at Honulani

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

BASKING
Turtles
seen by
JOANNE

Hi George,

Thank you for writing and forwarding David's emails. I'm a little concerned that he hasn't responded to my email, but at least he's communicating with one of us. I would like to secure a written lease agreement with him before too much time passes, but for now his verbal intent will do.

I just returned from a walk towards Police Beach and saw two unidentified basking turtles on the beach fronting Papailoa Road. Neither had PID tags, nor was either the unusual one I spotted last night. I'll keep walking and looking!

If I don't see you, have a good trip to the Mainland.
Aloha,
Joanne

STAYED
overnight
3/29/04
Monday

AT
12 NOON
L15

overcast - Light rain
off on
spray
IN shallows. ← 12 NOON maybe
L10 - hauled out to bask -
Wet from RAIN. ← MID

3/28/04 Arrived ~ 2pm. Joann said she is
SUNDY now keeping a log for Honulani -
She saw 8(?) hauled out there
earlier today. Robby was in unit
sweeping termites. I spent 3 hours
vacuuming and cleaning them up.
Spent the night - Intermittent rain
but surf is down. No turtles on
beach 10am. Ate at Chobos.

3/29/04
Monday

Departed 145pm L10 still on beach - RAINY.

180

not high waves
not very surfy, but
surfable

CONSIDER: PEOPLE STANDING on the
beach staring to sea - watching &
waiting to see turtles.

4/1-04 Thursday w/ Marc Fice, 5 students
and Sandy Watson.
ARRIVE 3 PM L10 far

L15 in water fed by Red-photos
2 others ^{turtles} no walks. ^{where.}

4/2/04
ATA
D
PAGS
p. 62, 63 & 66

L11 and L16 also reported in
shallows near shore

See page 30, Book II for Peck's Cove Tagging

4/2/04 L3 BASK IN RAIN ALL PM
Friday ^{Renewed} SCL = 86.5 cm

L10 also all afternoon basking.

"L3" MT faded considerably
from Regrowth = ^{same for all others.}
Renewal needed.

Seen by Sandy Watson at Peck's Cove: 4/2 PM
P6, P7, L17 5:30 PM
^{Done earlier today}

Late A.M. we proceeded to "box" 3 turtles
L9 Renew MT + Remesure; new are now L17
and L15 PR3 may tag East Island for MK9 TDR.

The "PLAYFUL Turtles of Cenotea"

Hawaii

NOTE Allergy 3/2 AM!

(157)

4/2/04 Rainy so work under Awning set up Friday next to Cottage sliding door.

Joanne had us sign her "Last will & testament" (GB, MR & SW) - we did it (lightly) on the back of the turtle - pictures taken.

After 5 PM release (pictures taken).

Cleaned up and packed all gear.

All of us ate at Cholos 8 PM.

No turtles on beach this evening. Rain during the night and early AM.

4/3/04 MAAC (+ others) left ~ 6:30 AM.

Saturday, Rainy and no one on the beach until ~ 11 AM. More people as it became sunny.

Turtles near shore rocks on right - feeding. Sort confused and unresponsive.

5-6 turtles with 15-20 people in the water (in and out for people) - Try bit of seawater (JWA) picked off rocks - no "Big Tide" feeders (people). Turtles in water include L15, L13, male (L =) w/ missing right hind.

Sat on beach chair on Beach ~ 1-4 PM writing notes - watching & talking to people.

No negative interactions seen.

Departed 4:50 PM

sent ~~to~~

Hawaii Racing TOURS 739-0800 340 PM Japanese

Need

Hawaii Racing Tours.



Met 4/3/04
Yuki T. Yamazaki
E.V.P.

EM: fupinc5@aol.com
PH: 808-739-0800
FAX: 808-737-8509

4300 Waiialae Ave. B-606
Honolulu, HI 96816

4-6-04 4pm arriving. Same Termitte
Tuesday wing. Some larger surf & rolling in
rough. No baskets but a few
in water being fed.
Depart ~ 6:30 pm. Sunset ~ 6:45 pm

4/7/04 Arrive ~ 1:45 pm. Rough surf
Wednesday Rolling in. Cody brought out
new concrete sign on stake bed
Combo "DONOT TOUCH Turtles Bite" - put
facing seaward ^{against} large rock by road.
Turtles foraging in cove
Some juveniles.
"L15" male + male in slope
to beach.

4/8 Thursday 10:36 AM BASKET CRAWLING OUT

4/8 Thursday But only for 15 min - then turned around and went back in! Not bothered by people. Saw these just standing away.

1145 AM L15 in shallow feeding - been there at least an hour, maybe 2.

L9 also seen in the water.

12 noon - 130 pm, walked and videoed to Hanulani Iki, Jocho's 7 out at latter video. Saw

and talk to Red & MIA (MIA). Video of I1 feeding in pool by HLI^{OP MIA} Iki.

L2, L3, C10 far

< 2 PM ^{NT's} up Basking 1

~ 500 PM L10 Back into water Surf up from Tide.

Snorkeled 415 pm - 5 pm

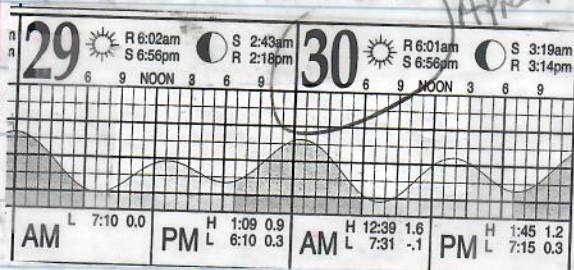
L16 seen feeding tight rocks. ^{Totally} SAW one rock w/ rabbit but NOT second one.

Defant 550 PM L2 & L3 ^{NT's} ~~fixed~~ still there.

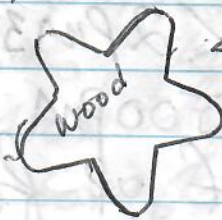
(160)

4/12/04 Monday Arrive 3:45 pm. Windy but sunny and no surf - low tide - very few people on the beach. none on beach.
Depart 6:15 pm

4/26/04 Monday 5 pm arrive - windy choppy no one on beach except L2 (visible by injury, not skeleton) Accumulated Termites.
Depart 6:30 pm



POSTNOTE - MOST HAVE come off < 2 days - Same for Heart shape ON L6.



ARRIVE ~ 2:15 pm
4/30/04 Friday L6 + L10/11 bashing David home, Termitite treatment in wall, photos bad floor. L11 4 pm Small wooden star above staired to second lot. left cleaned camera globe.

Friday

4/30/04 520pm L11 still out - epoxy hard -
But some pliable - not rock hard. 5/1 3PM
ROCK HARD

Depart 530pm,

Saturday

5/1/04 Arrive 3pm - rough choppy
conditions. Light wind. ^{very} few people
surfing & on the beach. No. fishers
but Elaine Robbies wife said
are or 2 out earlier. Waves washing
up high (higher than yesterday).

By local resident -
L15 w/ Box on left reported
in shallows 530pm - maybe
there for some time.

Depart 7 PM = SUNSET (way
to the right of home point).

5/2/04 Arrive 4pm Light wind -
Sunday modest SWF.

(IN
water)

~ 4 - 530pm
L14, L15, L3

IN WATER
stood out with
the turtles

L6
out about
5pm

L6
OK
Btst

+ 1 MUMMIE MALE
picture
Departed 645pm

615pm
Clear epoxy
3rd 2 at left

WOOD

STRAIGHT TO BEACH - NOT SEEN IN SKY ABOVE

162

5/15/04
SATURDAY

XEROX
TAPED
FROM
DAILY LOGS =

5/15/04 ARRIVE 4:00 pm #1 on beach
Sunday nice day - lots of people

see p. 44

FAE
Beach

L10 (FAINT MT)

facing seaward - SCL 66.5 cm
was 64.8 SCL (originally 10/2/03 boxed)

see p. 34

L5 (FAINT MT)

RH = 435B6D724E

SCL 90.6 (orig 9/25/03 boxed 90.1 SCL)

L3 p. 31
See p. 56

9/18/03 86.1
L3 SCL 86.7 2/3/04

near

L3 + L6

snuggled up - photos print

||

74.0 SCL 5/15/04

See p. 39

86.8 SCL 5/15/04

See Taped above

9/26/03 = SCL 73.3

See Taped Above

Need ~~A need RAIN protector~~

- ① Set out Sign w/ Litter ship (163)
+ comment book MORE OFTEN
- ② Stock MAIN VACATION Rental ^{with} ~~tent~~ ^{tent}
- ③ Meeting ^{OF SOME SORT} AT HONULANI ^{THINK TANK}
use for Guest quarters
- ④ Measurements for Shawn (xerox)
- ⑤ Xerox sightings for Cody
- ⑥ Replace TIDBIT TEMPERATURE ^{IN TIDE POOL} logger.

5/16/04 6:30 - 7 pm Sunset ~ 7:05 pm


Sunday ^{Glass/plastic} Circle disk epoxy glued:

- ① L3 2nd lat. left side
- ② L6 3rd lat. left side
- ③ L5 1st lat left side

* Photo prints taken of each turtle above.

from ~ 5-5:30 pm walked to Jonn Pech's gave her a copy of Patrick's book, ^{large} one subadult, one small juvenile, seen in Pech's Cove. Took photo looking at rocks - ^{NO TURTLES} no turtles seen. Walked along rocks - tide up somewhat.

5/16/04 Depart 7:15 pm for home.

(Disc's like I used above could be cut in half for added ID use.  orientation)

5/17/04 Via camera L5 seen basking - disc there & visible.
Monday pm

5/18 Via camera L5 there basking at 6 AM &
res But went back at ~ 6:15 AM.

1990

~~24 Nov 83~~

5/26/04 Wednesday

Arrive 1230 PM
Honolulu with Joel Spring & Christopher →

~~W/S~~

Severe heat stress - dry up high
ON ROCKS: Weak
NO Glottal.
Left in cool water
with head propped on rocks →

L2 BASKING

5/26/04

(165)

LH

Wednesday

42334 $\phi\phi\phi$ 66 + RH

1250pm

L2: SCL = 86.8 cm

pictures of old carapace
would
Healing and pushing upward - Looks good.

BASKING

L5 1255pm

Dist 1st lotus still there
but epoxy chipped off anterior.

BASKING

No Moto tool -
hauled out but IN

first time
Reported at HAWAII

originally tagged

EAST IS
JUNE 30, 2000

12:57pm

Low -
being
splashed
by waves.

LH 413 E I 95 E I C

PAsh

RH 413 632 1 B 65

WAVE WASH

SCL = 86.4 cm

near shore

5/26/04

L13 in H₂O 12:58

L15 in H₂O 13:00 TOR box intact

we walked
back toward
east Pecks/chairs.

150pm 3 hauled out

Throw net fisher
near by - photo by
JOE SPERRY

AT Pecks 215pm (HAWAII Iki)

(Adult)
JUL 15 06

- P6 + large Sabeduff in water
- juvenile I-#3 RFF Rescued. #L5H R5H

5/26/04 230pm
Wednesday AT JOCKOS' I hauled
pictures w/ throw net
overall score = 2
no dead - stinking w/punk
photos taken 3 on beach - male center
Dog in picture. females each side.

5/26/04 255 pm L6 (good ^{positioned} disk) 3rd
no damage lateral
+ L5 (1st lateral) left.
who had gone back into the water earlier then
come out again on the beach.

Need
card

Jennifer Rude
98-051 Puaalii Way
Aiea, HI 96701
wast SLP
event, the
loves the
Hono

Joe and CHRIS supervised - Saw 2 - one female / one L15 TDR.

Depart 330pm L6 & L5 still out

stopped at gift shop Halema - bought 2 towels,
Need Card ^{business} + turtle gifts for owner.

5/28/04 Arrive ~ 1230 pm

Friday with TAIWAN TUNA Fisheries Lab visitors (Jack), L3 basking

but returned to the water shortly after we arrived. Returned later and inspected disk - ^{some epoxy} chips on front but still attached well.

Either L5 or L6 also ~~not~~ seen - epoxy looked good. Walked out to HONULANI IKI -

Saw large adult female on ledge at Honulani spot - fresh ^{DRIED} green ulva on top of carapace.

Two Ikonels - Hind Flippers - Scanned and read PIT =

41350 B1F54

Pictures taken - with Jack also.

Called CODY - First tagged East FFS
1990 1996 1999 nesting

Also saw "HI" ^{basking} on rock to the right (Honulani Iki) * Adult female in wave wash Honulani - Scanned - No PITs found

A new turtle!

Departed ~ 315 pm. L5 hauled out - picture w/ Jack.

5/29/04 Cody AT Honulani mid-afternoon - Mating

SATURDAY male on beach - on mound of sand - weird position. PICTURES TAKEN with camera (cam). Cody Scan = 442E084F24.

= L11

Cody reports small IMP on eye.

(168)

5-30-04

Sunday

ARRIVE @ 3:15 pm

L6 w/ Disk brushing. Returned to water ~ 3:45 pm, TOO HOT?

Woman leading lecture - I asked her to stop. Bacteria introduction issue. She said SLI does it.

Wedding on the beach ^{need} photos w/ digital camera. Turtle lifting head flower petals on the sand. ALSO a few pictures with Howard's Cam.

Air Force ♀ investigator - going tomorrow to Baghdad. She will email me for info re: Jan L3 - she untangled the turtle ⁱⁿ from water several days ago - ^{lightweight line}

Honolulu LAB

Date _____ 3 kids wife here all afternoon. Kids call it "Turtle beach"

5/30/04 PM

Saw Red ^{Netter} spoke to him. L13 and L15 (TDR) in shallow water feeding and being fed.

Friend of Groom

Nick Magadia
Home Mortgage Consultant

WELLS FARGO

HOME MORTGAGE

Wells Fargo Home Mortgage

MAC A0716-07B
400 Capitol Mall, Suite 702
Sacramento, CA 95814
916 428-7006 Office
916 422-7345 Fax
916 768-5584 Cell
nick.magadia@wellsfargo.com

http://www.wfhm.com/wfhm/nick-magadia/



169

need

BRIDE
5/30/04
Sunday Wedding

rebello@oakwood.com

EMAIL Address

of BRIDE
Send DIGITALS
of ceremony with
turtle head poking
out of water.

5/30 → 5/31/04
Sunday Monday

Stayed overnight at
HONULANI HALE. Dined at CLOLOS
checked Beach - No baskets. 3 "Big Game" Spear Fishers
CAME IN.

5/31/04 Channel 8 Stephanie
Monday (used to work at OCELO TV)
MEMORIAL DAY

TO Bed
12:30 AM UP 8 AM

BASK - L6 + L11 240 PM near Beach

Went out
w/in 5 MIN
one another,
But L11
went back in &

BASK - L10 far = 315 PM

L11 back into the water 245 PM

STARTING AT ABOUT 9 AM 5/31/04 I sat out on
wall under camera sorting photos into albums
and watching beach and ~~near~~ nearshore waters.
First turtle seen in water at 945 AM - steep sided
"greenish" but not from algae. No MT seen from my distance.
Several people showed up short time before turtle.
At ~ 1030 AM 3 more showed up in shallows next

170

5/31/04 People feeding NVA. As time
Sunday progressed more turtles, and people,
showed up. Possibly maximum of 7 turtles
all large. Stayed and watched
system pictures all day - first basking
at 2:40 pm - 2 banded out within 10

* 5 minutes rears another! L6 then
L11, L10 further down the
beach between rocks at ~ 3:15 pm.
L10 later turned around - head out,
In early p.m. I talked to Stephanie ^{MILITANI}
showed her picture of "Jessica"
winner of raffle the turtle banded at SCP
May 23, 2004 last Sunday. She is friend
of their family.

Depart 3:25 pm - L10 still on
the beach. Many handouts taken
today from stand/sign.

JUNE 1, 04 — 31 years ago,
Tuesday

(171)

Arrive about 3pm for overnight stay.

Note -
Go up nesting
FIRST night Joe Spring
and Christopher DAPP
in EAST.

Sunset - Photo of me by L6 basking spread out
white
buckets on
soil AND
Stayed overnight.

JUNE 2, 04 "0" tide in the AM - 9 AM
Wednesday used ladders to tie Howler
Visitor Log in tree.

Search for 2 stones w/ Temp loggers
- found one up in pile semi-submerged
but only silicon - no loggers.
Probably pulled out by someone.
Rocks piled probably to clear
out place for birds to play.

6/2/04

Put in exactly fresh rock
and logger - I slanted a
little. TO the right
of sloping rock.
NO sand here. Good
FLUSHING

Here



6/2/04 1030-11AM walked
Wednesday rocky shore to CHNS -
3 at Honulani Iki - 2 large
Subadults part hauled out but
left (due to me?), Light sunburst
juvenile TS2 estimated - partly
out - print pictures,

need
to
show

At Peck's 52 cc ^{interstitial rocks} decomposing
- Same as found ^{near} dead w/ Taiwan
(Jack) last Friday, Cause of death
stuck in rocks - Thermal overload.

1145AM in shallow wgt
Bay feed - feeding on their
own =

L5 and 2 adult ♀s no MARK
Seen.

Cleaned camera lens globe.

wednesday

6/2/04 Depart 2:15 pm
rove out basking

6/15/04 2 PM Short PM visit w/ Rick Herren and LAURA
Tuesday one out basking ^{JUST before we left} photo
w/ Rick Herren, J

6/19/04 Arrive 4 pm

Saturday L2 & L3 out

L2 returned 5 pm (after flipping sand on her back - too hot?)
Walked rocky shoreline 5:30 - 6:15 pm
Honulani to Pechs.

I-I seen underwater resting shallow in Pechs's Cove.

I Adult ♂ and 2 subadults (sex?)
basking on the sand at 50 chos.
noted a general absence of algae -
both red and green - all along shore
rocks intertidal.

Depart 7:15 pm L3 still
basking so.

6/21/04 Arrive 3:50 pm
Monday L6 & L3 Basking

6-21-04

LONGEST DAY OF THE YEAR

6/21/04
Monday

L6 Returned to the water ~ 5:30pm

Unmarked small adult ♀ in shallow being fed.

L15 seen in shallow - easy to move around and "scratch" shell with nails/fingers. TDR bar on fins. Heaping punch noted left side of head.

White on rocks in front of Main House. Seems like big reduction in amount of algae.

Dinner at Cholos. 9PM - L3

and now L2 and the beach basking

11PM L2 & L3 still out
light RAIN.

6/22/04
Tuesday

Return rocks visible suggest the L3

Stayed to AM hours.

Then left for the office ~ 10AM.

They're everywhere!! 6/25/04
Quote shouted out
by Tourist Woman

175

Date: Thu, 17 Jun 2004 14:06:47 -1000 (HST)
From: Karla Jean McDermid <mcdermid@hawaii.edu>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Beach Drift Specimen

Aloha George,
The mysterious beach drift from Laniakea Oahu, collected on 6/15/04 by
G. Balazs, was identified after rehydration to be
Sargassum echinocarpum based on the shape of the reproductive
receptacles and the length:width ratio of the blades and the spiny,
ruffled margins of the blades.
It was a pleasure to id such a nice complete specimen.

Karla
Were turtles eating this? OR did you bruise your foot on it?! :-)

6/25/04 ~~need~~
JENNIFER BARRETT c/o 100 Hanuama Bay Rd.
96825
HANAUMA BAY ED PROG. - Volunteer Coordinator
271-1721 cell
394-1374 bus.
jbarrett888@earthlink.net
Met her
+ Volunteered
and son

6/25/04 6:45 AM L7 seen by Shaun ^{far} via camera.
Friday I mistook him for LI. Turtle wasn't
hauled out when I looked at ^{camera} 6:15 AM.
Just Arrived from FFS.

Shaun and I drove in my car arrived
~9:30 AM - Turtle L7 had gone back in but
came out again by 9:30 AM. Proceeded
to box L7 w/ Joanne & Kates help. Turtle

176

RE: "Feeding" Turtles ALGAE AT LANIKEA

[Fwd: [Fwd: Lani's turtle habituation]]

Subject: [Fwd: [Fwd: Lani's turtle habituation]]
Date: Tue, 09 Feb 2004 09:10:52 -1000
From: "Margaret Akamine" <margaret.akamine@noaa.gov>
To: Samuel Pooley <Samuel.Pooley@noaa.gov>, Bud Antonelis <Bud.Antonelis@noaa.gov>
CC: Sarah Malloy <Sarah.Malloy@noaa.gov>, Bradley Ryon <Bradley.Ryon@noaa.gov>

Let's chat about this. If this is really going on (and there is no reason to believe it is not) then it is illegal. As per protocol, we have shared this report with NOAA OLE.

However, if NOAA is advocating this activity somehow, then we need to clarify and reassess that advocacy. I truly doubt that George advocated this activity, but it may be wise to prevent a misunderstanding that may have occurred.

Define "feeding"

Subject: [Fwd: Lani's turtle habituation]
Date: Mon, 09 Feb 2004 14:54:43 -1000
From: "Bradley Ryon" <Bradley.Ryon@noaa.gov>
To: Margaret Akamine <margaret.akamine@noaa.gov>, "sarah.malloy@noaa.gov" <sarah.malloy@noaa.gov>

Subject: Lani's turtle habituation
Date: Mon, 09 Feb 2004 14:56:19 -1000
From: Jeremy Bisson <jeremy.bisson@noaa.gov>
To: Bradley Ryon <Bradley.Ryon@noaa.gov>

Brad,
I went to the north shore to surf again Saturday and noticed the same guy hand-feeding the green sea turtles at Lanikea beach, who was doing the same thing last weekend. Several turtles were surrounding him, and many more in the vicinity, with tourists swimming excessively close by. This man had a mesh bag full of algae and was feeding the turtles so that they would get close enough that he could take underwater pictures. I approached him and told him in a non-confrontational way that what he was doing was against the law. He told me that it wasn't and that George Balazs was his friend, that he helps George tag animals, and that George said what he was doing was ok. He kind of caught me offguard because I really wasn't expecting him to be local. I told him that George isn't enforcement and that I still don't think what he was doing was legal, but he didn't stop. I never asked him why he was photographing them, but he sure took a lot of photos. I don't think anyone at the scene was physically harming the turtles, but the behavior of those turtles was certainly altered. Being a wildlife biologist, I tend to get appalled when I see wild animals get habituated. Sorry to have to bring this to your attention.

Jeremy Bisson

6/25/04 MK9 → INTO L7
MK9 #029199
MK9 Removed =

6/25/04 L7 DATA PAGE = 64
Friday never moved. 9:48-9:51 AM - 3 minutes -
to switch TDR's - oed one looks good -
no corrosion on washers - silicon budge
still there. L7 stayed - didn't move - when
box lifted off. Saw L15 & L13 in
shallows. L6 (near) came ashore for
1-2 hours. Talked to people.
New small ♀(?) in shallows - Mo

continued from p. 175

6/25/04 Friday L7's DAY
TO COME HOME

(177)

6/25/04 NO PIT tags. Stayed in wave wash all morning
Friday and before. 74.8 SCL cm. ^{Measurement} ^{taken}

L7 went into the water at ~4:42 pm,
although wave-wash had toward the sea,
for past few hours. TDR bag may not
have been emersed. Video of L7 going
into the water. Video made throughout
the day of people viewing and having pictures
taken with L7. ^{Sat night} ^{stayed} under tree by road.
Spoke with older couple from Waikiki
comes here all the time, turtle necklace.

→ They never, or extremely rare to see,
anyone truly bothering the turtles.
I saw ^{zero} ~~more~~ - except later in day
kids having picture taken with
L7 placed hands on shell - I asked
them not to touch (pointed out signs)
they ^{even} put hand above turtle for picture
as I had seen others doing.
Vided sunset -

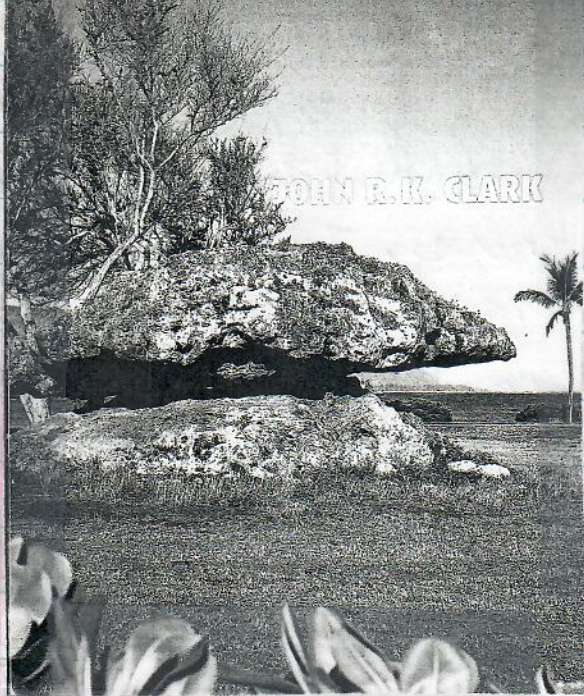
6/25 Departed ~7:30 pm no turtles looking
on the beach.

6/26/04
SATURDAY ARRIVE 4:30 PM.
(GO TO P181)

178


HAWAII PLACE NAMES

Shores, Beaches, and Surf Sites




→ **Laniākea.** 1. Beach, Kawailoa, O'ahu. Section of Kawailoa Beach between the Lauhulu Stream bridge and Pōhaku Loa Way. Also known as Kūkae'ōhiki. 2. Spring, Kawailoa, O'ahu. Laniākea is the name of a freshwater spring on the beach at the north-east end of Pōhaku Loa Way. During the 1920s a cottage built on the property above the spring was named Laniākea, and a sign with that name was placed on the side of the cottage, where it remained for many years. 3. Surf site, Kawailoa, O'ahu. In November 1955, veteran surfers Pat Curren, Buzzy Trent, Peter Van Dyke, Fred Van Dyke, George Downing, and Wally Froiseth drove up to then unnamed Laniākea. Bud Browne, surfing's first movie producer, accompanied them. The waves were huge and breaking so far out that Browne started searching for an elevated vantage point for his camera.

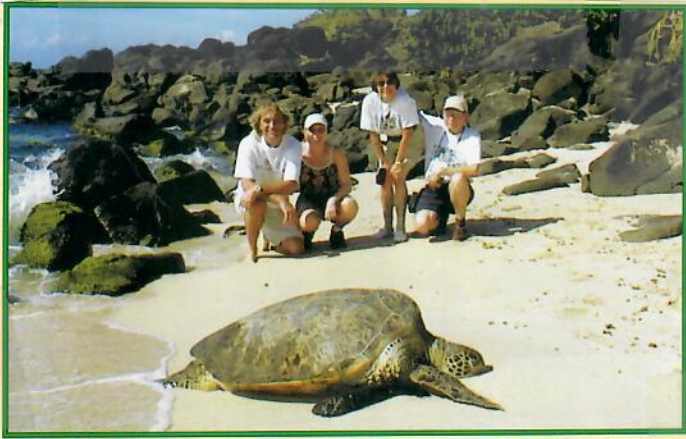
In the rear of the homes on Pōhaku Loa Way he found an old three-story steel-frame observation tower that had supported an anti-aircraft gun during World War II. After the surf session, the seven of them discussed possible names for the new spot. Browne mentioned that a cottage near the tower he had climbed to film the surf session was called Laniākea and suggested they use the name. Everyone agreed, and they named it Laniākea. 4. Support park (3 acres). Undeveloped park across Kamehameha Highway from Laniākea. *Lit.*, wide sky.

 *mo'olelo*

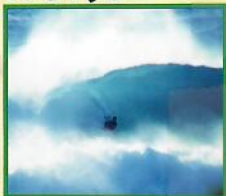
My husband is pure Japanese, but he was raised by a Hawaiian, Ho'okala, and speaks Hawaiian. His parents were very close to Ho'okala and his wife, so they gave them their baby, and he was raised as a Hawaiian of a fishing family. When he was young, he fished with all of the old Hawaiians in the area. When he got older, he went to court and had his name legally changed to Ho'okala. His *hanai* father is the Ho'okala mentioned in McAllister's book on O'ahu as an authority in the Waialua District. I'm from Makalawena on the Big Island, but I learned the names from my husband and the other Hawaiians here. Mokumana is the first big rock down from the small islands at Waimea. It looks whole from the front, but is divided on the back. That's why it's named Mokumana, "divided island." Ka'alaea is the point in front of our home. Kumakani is the next big reef. It's in front of the road that's off to the side of Kam Highway. It means "stand against the wind." Kipa is the name of the big rock on the Waimea side of the Paty's house. Kuaumania is the reef and the point at Chun's Reef. Laniākea is the name of the freshwater spring on the Waimea side of the next big point. Sheriff Rose made his home there and called it **Laniākea** after the spring.

 *Annie Kalolena Kaninau Ho'okala, November 17, 1972*

Lanikai. 1. Boat ramp, Kailua, O'ahu. Ramp in Kailua Beach Park that is also known as Kailua Ramp. 2. Beach, Lanikai, O'ahu. Calcareous sand beach between Alāla and Wailea Points that is considered to be one of the best swimming beaches on O'ahu. Also known as Ka'ōhao. 3. Lighthouse, Lanikai, O'ahu. When Charles R. Frazier named and developed Lanikai in 1924, he erected a concrete monument on Alāla Point at the entrance to the subdivision. The monument was constructed to resemble a New England lighthouse, but has never housed a light, navigational or otherwise. 4. Reef, Lanikai, O'ahu. Long, wide reef off Lanikai Beach. *Lit.*, sea heaven. *Lanikai* was intended to mean "heavenly sea," which it would have if the word order was in English. In Hawaiian, however, the qualifier nor-



EXPLORE THE FAMOUS NORTH SHORE



Travel with the island's premier eco-tour company on an exciting journey of discovery to the famous **North Shore** of Oahu. Driving over the **Ko'olau Mountains** to the windward side, our first stop is the fabled **Valley of the Temples** where we visit the picturesque **Byodo Temple** located at the base of stunning 2000 foot lush green cliffs. Then we drive along the scenic shores of **Kabana Bay** arriving at **Lai Point**, a great location to observe several native plant and **seabird species**. Continuing North to **Kahuku**, we visit several **shrimp farms** to see **endangered wetland birds**, including **Black-neck stilts**, **Hawaiian coots** and **Moorhens**. Our next stop is the world famous **Sunset Beach** and **Banzai Pipeline** where incredible waves thrill viewers, especially between November and April. **Pu'u O Mahuka heiau**, Oahu's largest Hawaiian temple is our next stop. Situated high on a bluff above **Waimea Bay**, this ancient archeological site is an excellent place to view the entire North Shore coastline. At **Turtle Beach** we stop to observe **rare green sea turtles** resting on the golden sand. Traveling South we visit the colorful and **historic village of Haleiwa**, home to many surfers, artists and craftspeople. After driving through extensive **pineapple fields** we arrive at the mysterious and sacred **Kukaniloko Birthing Stones**, "Hawaii's Stonehenge", where royal chiefs of the islands were born for over 800 years.



Price: \$35
 Pick-up: 1:00pm
 Walking Time: 1/2 hr.

Mon-Wed-Fri-Sun
 Return: 6:00pm
 Rated: easy

Oahu Nature Tours

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 on Oahu and the outer islands
www.oahunaturetours.com

6/26/04 From page 177

Saturday IN the shallows - fun - being fed seaweed L15, L13, unmarked (large female (no pits) - I checked scanned). Also came to haul out right at sunset Subadult ♀ I scanned yesterday - no PITIS. I wave wash like yesterday - dark out.

need

Twli97@
yahoo.com

Message sent 7/14/04 for postal Address

6/26/04 (11PM) - L2 Basking
overnight + UNidentified Subadult ♀

6/27/04 large turtle in shallows close to shore
Sunday noted at 9:15 am when I put the sign out
10 am 3 large up on rocks feeding ULVA Right of Pocket.

GO TO PAGE 141

2004 STAW-WT

185

CENSUS DATA FOR LANIAKEA

DATE/DAY	TIME/HOUR	TURTLES				PEOPLE		NOTES
		No. basking	Place on beach	MT ID's	No. in ocean	No. on beach	No. in ocean	
4/2/04		2		L3 L10				IN PERSON Bask in shallow DAY IN RAIN all
4/8/04		4	mid	L6 L2 L3	L10 FAR			IN PERSON
5/2/04		1		L6				IN PERSON
5/16		4		L3 L5 L6	L10	see p. 163		Gived 3 DISCS IN PERSON
5/17		4		L5-early AM				camera
5/18		1		L5-early AM L3 near	all PM			camera
5/24		3		L3 disk 1:40pm				camera
6/13/04	4:15pm	2	mid	2 no visible MT could be seen				DISK 2nd lateral left = L3 DISK 3rd lateral left = L6 camera
6/13/04	4:15pm	1	near	No marks	see picture of kid & touchy shell			camera
6/21	4pm	2						mid - L3 IN PERSON near - L6 PERSON
6/25	6:45 AM	1	FAR	L7	JUST BACK FROM FFS!?			camera
6/25	10am	2	near	L7 L6 (in 12:10pm)				IN PERSON
6/21	2:15pm	2						camera
6/22/04	PM hours	1		L2				camera
6/25/04			IN shallow wave wash together.	L45 L3	off on day throughout the day			IN PERSON
6/25		1	near	L6				IN PERSON

CENSUS DATA FOR LANIAKEA

DATE/DAY	TIME/HOUR	TURTLES				PEOPLE		NOTES
		No. basking	Place on beach	MT ID's	No. in ocean	No. on beach	No. in ocean	
3/20	Saturday off	0	no baskers	seen				Via Camera
3/21	Sunday	0	no baskers	seen				Via Camera
3/22	Monday off	0	No Baskers	seen				Via camera
3/27	Sat.	1	mid	L2	L335 pm back in water	445 pm		Via Camera
3/28	Sunday	1	mid	L6				in person sped overnight
3/29	Monday							
3/29	5:05 pm		mid	L6				camera
3/30		1		L11				Joanne observed

CENSUS DATA FOR LANIAKEA

DATE/DAY	TIME/HOUR	TURTLES				PEOPLE		NOTES
		No. basking	Place on beach	MT ID's	No. in ocean	No. on beach	No. in ocean	
4/1/04	PM	2	Mid -	L3 L10		L11/L15/L16		in person near shore
4/3	PM					L13/L15		in person near shore
4/4	Sunday		all day			but some		camera
4/5			all day			in water		camera + JP
4/6			all day			" "		GB + JP
4/26			L2	(not visible by mt)		5 pm		in person
4/27		3		L6, L2 and ?				Via camera
4/30/04		L6		L10/L11 together		245 pm		in person

ALL MT FAINT

CENSUS DATA FOR LANIAKEA

DATE/DAY	TIME/HOUR	TURTLES				PEOPLE		NOTES	
		No. basking	Place on beach	MT ID's	No. in ocean	No. on beach	No. in ocean		
Friday 12-19-03	3:45 PM	2	MID	L3 L4	?	?	?	with camera	
12/20 06 SAT PM	EARLY PM	3	(L1 L7 L11)	→	-	-	-	FROM JOANNE	
12/20 03	6 PM	3	MID	L3 L2	0? 0?	watch L3 RETURNING ~25 with Herdi	0 0	with camera (+ pictures taken) Surf line of highest part of season Pictures	
12/21 SAT	9 AM	1	MID	L1	0?	5	0		
/ / / / / / / / / /									
1/25/04	Sunday	Nice day - Lots of people at beach and some in the water feeding.						But NO turtles	VIA camera
1/26	Monday	2	mid	L3 L4	via camera	- afternoon			
1/28	Afternoon	1	mid	L6				via camera	

2/5/04 3 - mid → L7
L3 via camera

2/11/04 1 - L3 (at 4:30pm) camera

2/14 3 Mid → L1 camera

2/15/04 4 (4 PM) mid/L6/L1/L7 L4 (FAR) camera

2/15 L1 & L6 still there at sunset,

2/21/04 SAT. HIGH SURF NO TURTLES UP camera

2/22/04 SUN. " " " " "

3/1 Monday - NO turtles out seen overcast camera

3/2 Tuesday

3/11 Thursday 2 MID = L4
FAR = L12 11 AM camera

CENSUS DATA FOR LANIAKEA

03

DATE/DAY	TIME/HOUR	TURTLES				PEOPLE		NOTES
		No. basking	Place on beach	MT ID's	No. in ocean	No. on beach	No. in ocean	
11/5 Tues	1230 PM	2	1-MID 1-far	L1 → ?	-	-	-	Camera
11/6 Thursday	930 PM 11 PM	2 Still there	L7 gone MID	L2 L7	-	-	-	IN person (Scooping meeting)
11/7 Friday	645 AM	1	MID	L7	0	0	0	Return to 110 person
11/8 Saturday	4 PM 615 PM	4	MID	L1 L2 L4, L7	1	0	0	TDP Rotated out ON L7 543
11/9 Sun Tues.	415 PM Arrive	1	FAR	L1	4	-	-	exam IN person
11-11-03	515 PM	1	-	L1	-	-	-	Camera
11-15-03 Saturday	1225 PM	1	FAR	L10	-	-	-	Camera
11-13-03	1215 PM	1	-	L2	-	-	-	Camera

11/14/03	529 PM	2	MID	L7 + ? FAR	-	-	-	Camera just having out L7
11/15		2	-	L1 & L2?	-	-	-	Camera
11/16 Sunday	700 PM	3	Near	L1, L2 and L7	-	0	0	IN person
11/16	1030 PM	2		L2, L7	-	0	0	IN person
11/17	645 AM	0	-					IN person
11/17 Monday	1230- 1245 PM	2	Near	L1 & L2				IN person
1/20/04 TUESDAY	1245 PM- 15 PM	3	MID	L6, L2 L3	-	-	-	Camera + Joanne
1/21/04	Via Joanne			L1 & L3				Verbal from Joanne
1/24/04 SATURDAY	Via Camera			MID L3				at ~ 1145 AM Then Back in and out again ~ 1230 PM L1 out at 1245 PM

2003

CENSUS DATA FOR LANIAKEA

DATE/DAY	TIME/HOUR	TURTLES				PEOPLE		NOTES
		No. basking	Place on beach	MT ID's	No. in ocean	No. on beach	No. in ocean	
10/26 Sunday	1 PM	2	Middle	L1 L2	2?	several	8	Camera
10/26 Sunday	2:45 PM	1	L2 ONLY also then L1 at 3:30 PM		1	several		AT Camera 3 IN Person 6:30 PM on beach
10/27 Monday	2:1 PM TO Sunset	3 ② 1 in at 5 PM	L7 Middle L4 (L3 →)		0?	10/100 - not many		Camera - pictures some w/JP
11/2 SAT	2:4 PM TO after Sunset	2	L1 L2 → Middle					Camera + in person 5:45 - 6:30 PM GB LB
11/3 Sunday	2 PM TO at least Sunset	1	L7 → Middle Low to water		~20		8	Camera pictures w/JP Models
11/6 Thursday	1:00 - (1:50 PM)	2	L2 L6 - Mid					Camera
11/6 Thursday	3 PM	4	MID L2 L6 L4, 7		1			arrival of Camera

from "SURFER DUDE" (NOT FOR GRAPHICS)

1/12 3:45 L2, L7, L10
 1/20 2:30 L4, L2, L3, L6, L10
 1/21 3:15 L1, L3
 1/22 11:15 L1
 1/18 4:00 L1, L4

RECORDED BY SHAWN 2/4/04
 2-2-04
 12:45 L1, L4
 4:30 L11

ALL BASKING

SURFER DUDE'S OBSERVATIONS

2003

CENSUS DATA FOR LANIAKEA

DATE/DAY	TIME/HOUR	TURTLES				PEOPLE		NOTES
		No. basking	Place on beach	MT ID's	No. in ocean	No. on beach	No. in ocean	
10/15/03 Wed	1045 am	1	Near	L2	3	10	5	Camera
10/15 Wednesday	2pm	2	Middle	L1 L11				Camera pictures
10/17- 10/18/03 Sat	48 hours	NONE	—	NONE	4-5 juveniles only	Relatively low numbers playing on surf		10-15 ft person surf - largest of the two far of the season
10/19 Sunda	1245pm	1	FAE - back in AT 2PM	L1	∅	Many	Some	Camera from Coyman
10/21 TUES.	930AM HST		ERODED SAND SHOWING a "DROP"					Camera from Coyman
10/23 Thurs	400-430pm	1	Middle	L4	0?	A few		Camera from Coyman
10/26 Sunday	945am	∅	—	—	NONE SEEN	∅	∅	Camera 8-12ft surf

PAGE 1 START

CAM VIEW

CENSUS DATA FOR LANIAKEA

DATE/DAY	TIME/HOUR	TURTLES				PEOPLE		NOTES
		No. basking	Place on beach	MT ID's	No. in ocean	No. on beach	No. in ocean	
10/10/03 Saturday	3PM	2	FAR	L4 TDR L1	-	-	-	Camera Crawled out Head-to-Tail L4 first pictures L1 behind
10/11	3:25 PM	2	FAR	L4 TDR L1	-	-	-	L1 Returned to the sea.
10/11	3:58 PM	2	near	L6 L4	-	-	-	L6 out
10/11	6-6:45	2	FAR	L4 TDR L7 TDR	close to one	-	another	TO DARK TO see well, pictures
10/12 Sunday	1015- 1030 AM	1	Middle	L1	-	Several	-	Pictures with kids camera
10/12	1200 PM	3	Middle	L1 L2 L7	-	many	-	Pictures with kids - ball camera
10/12	2:10 PM	4	Middle	L3 L7 L2 L6	-	many	-	Camera pictures
10/14 Tuesday	4 PM sunset	2	Middle	L4 TDR and L7 TDR	near one	another	-	in person

laniakea_census_data_form_0903.xls
02-24-03/CH

in person
Marine Turtle Research Program
National Marine Fisheries Service
Pacific Islands Fisheries Science Center
2570 Dole Street
Honolulu, Hawaii 96822-2396

Date: Fri, 30 Apr 2004 11:22:36 -1000
From: Cody Hooven <Cody.Hooven@noaa.gov>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Audrey Sutherland

~~HAIR~~
~~Book~~

Remind me of Kaloa turtle seen by Mac Rice

Reported a possible nesting in the sand in front of her house on March 6. The turtle appeared to be digging a hole with its HF's about 2' deep, 1 1/2' wide in the evening. However, she said the turtle wasn't one of the biggest turtles, more medium-large sized. She was wondering if this is possible, and if so, when would they be hatching.

Audrey Sutherland
637-4126

637-4126 Audrey Sutherland
Book Patrick 61-551

--
Cody B. Hooven
JIMAR/NMFS Biological Research Technician
Marine Turtle Research Program
Pacific Islands Fisheries Science Center
National Marine Fisheries Service
2570 Dole Street
Honolulu, Hawaii 96822-2396
808.983.5747
808.983.2902 fax

Patrick Book sent 6/24/04

POHAKA LOA
WAY Halewa
96712

SIGHTING INFORMATION TURTLE AND SEAL

Animal sighted (circle): Turtle Seal
Number of animals: 1 Type, if known: Hawaiian green sea
Date: 5/10/97 Observer: Joanne Pettigrew
Address & phone (optional): 41691 Kam Hwy, Halewa, HI 96712
Time: 10:40 am
Location: out front on beach
Observed from (circle) shore boat (name: _____),
while skin or SCUBA diving (on surface or at _____ feet deep).
Estimated size (length): large - 80 lbs

Comments: (such as color pattern; injuries; scar patterns; tumors; whether flipper tags are present (Y/N); color and number of the tag(s); bleach marks (number/letter); behavior; and weather)

Healthy; no visible tumors. Quickly returned to the ocean as we approached it.

Seals and sea turtles are protected under Federal and State law.
DO NOT DISTURB.



Nicholas Throckmorton, USFWS spokesman 202 208 5636
Sylvia Cabrera 203 358 1842

A6 NEWS

HSB
Thursday 10/16/03

Hawaii wildlife-watching fell in '01

Tourists hoping to view wild animals dropped 14% since 1996, while spending dropped 55%

By Diana Leone
dleone@starbulletin.com

Hawaii residents and visitors spent less time — and money — watching wildlife in 2001 than five years earlier, according to a recent report by the U.S. Fish & Wildlife Service.

A total of 221,000 people observed, fed or photographed wildlife in Hawaii in 2001, down from 255,000 in 1996, according to an economic analysis: "National Survey of Fishing, Hunting and Wildlife-Associated Recreation."

In 2001, Hawaii wildlife-watchers spent \$131.6 million for equipment such as cameras and binoculars, and for trip expenses, including food, transportation and lodging. In 1996 the total was \$295 million.

The drop in spending — 55 percent lower in 2001 — was greater than the drop in overall wildlife-watching (14 percent lower in 2001). The change could be due to fewer visitors engaging in wildlife-watching.

In 2001, the report found 96,000 visitors to Hawaii pursued wildlife-watching, down from 144,000 in 1996.

Meanwhile, state residents increased wildlife-watching — 125,000 participants in 2001, up from 111,000 five years earlier.

Wildlife-watching-related spending supported 2,536 jobs in Hawaii in 2001.

People participating in whale

watching, snorkeling, diving or kayaking were counted, as long as watching for wildlife was the main purpose of their outing, said Sylvia Cabrera, an economist who worked on the study.

Nationally, about 66 million Americans spent more than \$38.4 billion in 2001 observing, feeding or photographing wildlife.

For each \$1 of direct spending associated with wildlife-watching, an additional \$1.49 of economic activity was generated, the study said.

In 1996, the number of wildlife-watchers nationally was 62.9 million, which was less than in 2001. However, the 2001 total was less than for 1991, when 76.1 million engaged in wildlife-watching.

ONE THEORY about the drop in wildlife-watching since 1991 is that "families are working more and there are more demands on free time," said Nicholas Throckmorton, a Fish & Wildlife Service spokesman.

Nationally, bird-watching was the No. 1 wildlife-watching activity recorded by the survey, with 22 percent of Americans over 16 saying they watch birds.

But in Hawaii, only 9 percent of people classified themselves as bird-watchers — fewer than in any other state. The survey found 164,000 bird-watchers in Hawaii in 2001, of which 52 percent were non-residents.

To be considered a bird-watcher by the federal agency, a person must take a trip a mile or more from home for the primary purpose of observing birds or must closely observe or try to identify birds around the home.

Linda Shapin, administrative

Taking a look

About 221,000 people — 125,000 Hawaii residents and 96,000 visitors — spent time and money watching Hawaii wildlife in 2001. They:

>> Spent \$131.6 million on gear (such as cameras as binoculars) and trip expenses.

>> Supported 2,536 jobs and generated \$15.3 million in state and federal taxes.

Source: 2001 National and State Economic Impacts of Wildlife Watching, U.S. Fish & Wildlife Service

assistant of the Hawaii Audubon Society, said the numbers show her that Hawaii isn't marketing its bird-watching opportunities to visitors well enough.

"We have some of the rarest birds in the world," which experienced birders are thrilled to observe, Shapin said.

Potential visitors call the Hawaii Audubon office daily to ask about birding tours or information, she said.

Shapin described birders as "mostly people in their 40s to 70s, with plenty of disposable income. They stay in better places, eat better food and are environmentally sensitive."

Said Annette Kaohelaulii, who conducts birding tours on Oahu: "I think if birding is the No. 1 hobby in the country, we should be looking at ways we can get people to come here and do it."

The Associated Press
contributed to this report.

191



Public warned away from 2 seals

Incidents of feeding and human contact prompt the reminders

By Diana Leone
dleone@starbulletin.com

Wildlife officials are warning people to avoid feeding or touching Hawaiian monk seals, after two of the endangered animals were getting too cozy with humans on Kauai and the Big Island.

People have recently been feeding an adult male known as K07, or "Lucky," in Kauai's Nawiliwili Harbor. The animal swims up to docks and begs for fish, said Shawn Farry, a biologist who has researched monk seals in the Northwestern Hawaiian Islands for the National Oceanic and Atmospheric Administration's Fisheries Service.

"People have a hard time

10/30/03 HSB
resisting those big brown eyes," Farry said. But they must — for the good of the seal and the people, too, he said.

The more time a seal spends around people in harbors, the more risk it could be injured by a propeller, tangled in nets or hooked by a fishing line, Farry said.

And people could get bitten if the seal begs for food and does not get any. "He's a 600-pound animal," Farry said. "He may not have the intention to hurt somebody, but may incidentally."

"Potentially, if he keeps it up, he might have to be relocated," Farry said of Lucky, so called because of scars that seem to show the seal survived a shark attack or propeller wound.

Another seal, RM34, born on the Big Island, has recently been relocated twice. Swimmers in Kealakekua Bay said they were "nipped and groped" by the seal Oct. 17, prompting

wildlife officials to move it Oct. 20 to South Point, its birth area. By last weekend the seal was back at Kealakekua Bay.

On Tuesday, RM34 was taken by boat to Kahoolawe in hopes that the island's small population of seals and lack of humans might prove a suitable new home, said Jeff Walters, a biologist with the state Division of Aquatic Resources.

Walters said such relocations are rare.

There are an estimated 1,200-1,400 Hawaiian monk seals, most of them in the uninhabited Northwestern Hawaiian Islands.

More than 50 seals have been identified in recent years as living around the main islands, prompting concerns about their health and well-being. The NOAA Fisheries Service is now studying the seals in the main Hawaiian Islands.

"Responsible wildlife viewing includes no approaching,

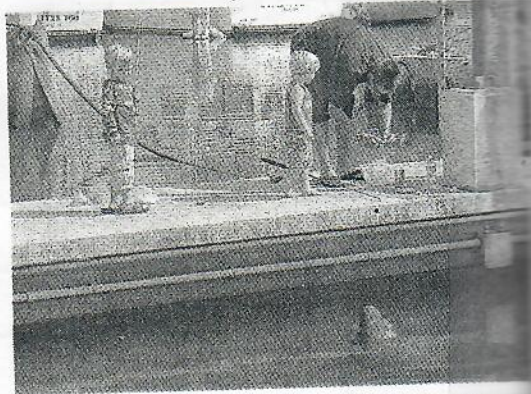


PHOTO COURTESY OF SHAWN FARRY

A male Hawaiian monk seal, dubbed "Lucky" by wildlife officials, has been begging for food at Nawiliwili Harbor over the past week, prompting the state Department of Land and Natural Resources to post a sign warning people not to feed it.

touching, petting or disturbing," said Margaret Akamine, an NOAA Fisheries Protected Resources Division manager. "When curious seals approach people, we recommend that people steer clear — even if

that means getting out of the water until the seal loses interest and swims off."

Seal sightings can be reported to the NOAA Fisheries toll-free, 24-hour Marine Mammal Hotline at 888-256-9840.

FYI-
Received a call from Pat Rochester, vacationing at 61-287 Kam Hwy, ~1/2 mile or so north of Chun's, maybe Alligator Rock (blue gate with turtles on it out front). Tumor'd turtle has been repeatedly hauling out near sunset in front of her home. Tumors covering R eye, beginning on L, on RFF, RFs. She will call back if she sees it this evening, and I gave her the SSG pager #. I will give Ethan a heads up, too.

12-4-09 from Cody

knocked cement signs over.

1/10/04 Saturday Big surf - to the Highway - since 1999.
JOAve only seen it this high 3-4 times since 1999.
1-10-04 HSB 43

Large swells likely to bring 30-foot waves

Kauai and the North Shore are forecast to see the biggest waves

Associated Press

The first of three large swells over the next week rolled toward Hawaii's north shores yesterday, with waves of up to 30 feet expected by sunrise today, forecasters said.

The National Weather Service issued a surf warning that said waves on the north-facing shores of all the islands would rise from 3 to 6 feet to as high as 25 feet by sunrise and would stay between 15 and 30 feet high all day today, while western shores should see waves of 15 to 25 feet.

Kauai is expected to see the largest waves, followed by Oahu's North Shore, with slightly smaller waves farther

down the chain, said Henry Lau, a marine forecaster with the weather service's Honolulu office.

"They should be reaching 30 feet at least here on the island of Oahu," he said.

Lau said the big waves are being generated by several large storms passing north of the islands, which have generated large open-ocean swells in Hawaii's direction.

A second swell is due in on

Monday, and the largest of the three on Thursday, Lau said.

Surfers are watching the forecast in anticipation of waves big enough for the Quicksilver in Memory of Eddie Aikau Big Wave Invitational contest on Oahu. The contest is held only when wave faces reach 30 feet or more at Waimea Bay. It has been held only five times since it was created in 1986, the last time in 2002.

1/11/04 Sunday Swell down - people on beach
Cody says wrinkled turtle seen in shallows.
None on beach. Replenish sand high on beach!

~ 1/13/04 I was in Japan when strong winds - rain and more waves occurred.

194

Reduce

TABLE 8: Visitors Staying Overnight or Longer: 1952 - 2002 (Arrivals by air)

YEAR	BOTH DIRECTIONS		DOMESTIC		INTERNATIONAL	
	Visitors	% Change from Previous Year	Visitors	% Change from Previous Year	Visitors	% Change from Previous Year
1952	60,436	17.4%	51,383	13.6%	9,054	45.2%
1953	80,237	32.8%	67,726	31.8%	12,511	38.2%
1954	91,166	13.6%	77,281	14.1%	13,885	11.0%
1955	109,663	20.3%	91,712	18.7%	17,951	29.3%
1956	133,667	21.9%	102,328	11.6%	31,338	74.6%
1957	168,652	26.2%	126,816	23.9%	41,836	33.5%
1958	171,367	1.6%	128,241	1.1%	43,126	3.1%
1959	242,994	41.8%	196,731	53.4%	46,263	7.3%
1960	296,249	21.9%	235,262	19.6%	60,986	31.8%
1961	319,476	7.8%	208,387	-11.4%	111,089	82.2%
1962	361,812	13.3%	231,308	11.0%	130,504	17.5%
1963	428,690	18.5%	287,405	24.3%	141,286	8.3%
1964	563,412	31.4%	419,280	45.9%	144,132	2.0%
1965	686,314	21.8%	539,211	28.6%	147,103	2.1%
1966	834,732	21.6%	629,564	16.8%	205,168	39.5%
1967	1,124,012	34.7%	828,849	31.7%	295,163	43.9%
1968	1,313,706	16.9%	952,821	15.0%	360,885	22.3%
1969	1,526,074	16.2%	1,121,714	17.7%	404,360	12.0%
1970	1,745,904	14.4%	1,273,639	13.5%	472,265	16.8%
1971	1,817,941	4.1%	1,363,081	7.0%	454,860	-3.7%
1972	2,233,627	22.9%	1,682,285	23.4%	551,342	21.2%
1973	2,622,376	17.4%	1,942,714	15.5%	679,662	23.3%
1974	2,804,394	6.9%	2,036,203	4.8%	768,191	13.0%
1975	2,818,082	0.5%	2,028,068	-0.4%	790,014	2.8%
1976	3,213,249	14.0%	2,327,399	14.8%	885,850	12.1%
1977	3,413,095	6.2%	2,508,472	7.8%	904,623	2.1%
1978	3,676,967	7.7%	2,766,012	10.3%	910,955	0.7%
1979	3,966,192	7.9%	2,888,521	4.4%	1,077,671	18.3%
1980	3,928,789	-0.9%	2,793,101	-3.3%	1,135,688	5.4%
1981	3,928,906	0.0%	2,778,566	-0.5%	1,150,340	1.3%
1982	4,227,733	7.6%	3,072,543	10.6%	1,155,189	0.4%
1983	4,356,317	3.0%	3,219,219	4.8%	1,137,098	-1.6%
1984	4,827,884	10.8%	3,499,419	8.7%	1,328,466	16.8%
1985	4,843,414	0.3%	3,522,126	0.6%	1,321,288	-0.5%
1986	5,569,067	15.0%	4,063,928	15.4%	1,505,138	13.9%
1987	5,770,585	3.6%	4,040,204	-0.6%	1,730,381	15.0%
1988	6,101,483	5.7%	4,041,878	0.0%	2,059,605	19.0%
1989	6,488,422	6.3%	4,339,507	7.4%	2,148,915	4.3%
1990	6,723,531	3.6%	4,315,161	-0.6%	2,408,370	12.1%
1991	6,518,460	-3.1%	4,068,508	-5.7%	2,449,952	1.7%
1992	6,473,669	-0.7%	3,791,945	-6.8%	2,681,724	9.5%
1993	6,070,995	-6.2%	3,570,059	-5.9%	2,500,936	-6.7%
1994	6,364,674	4.8%	3,813,279	6.8%	2,551,395	2.0%
1995	6,546,759	2.9%	3,743,474	-1.8%	2,803,285	9.9%
1996	6,723,141	2.7%	3,794,113	1.4%	2,929,028	4.5%
1997	6,761,135	0.7%	3,890,798	2.5%	2,870,337	-2.0%
1998	6,595,790	-2.4%	4,014,140	3.2%	2,581,650	-10.1%
1999	6,741,037	2.2%	4,255,621	6.0%	2,485,416	-3.7%
2000	6,948,595	3.1%	4,446,936	4.5%	2,501,659	0.7%
2001	6,303,791	-9.3%	4,224,321	-5.0%	2,079,470	-16.9%
2002	6,389,058	1.4%	4,358,850	3.2%	2,030,208	-2.4%

Source: DBEDT

2003 =

2004 =

195

Laniakea, Oahu
Tidbit Set up by
Cody Launched:

SN 493662 2.0hr. 4/10/04 4/17/04

SN 483455 2.0hr 4/17/04

Deployed =
6/2/04
Sloping Rock site
(sep. 171)

4/7/04

Siliconed
into
Rock (3rd
Rock)
photo

Griff Jones



32' Radon "Red Raven"
Charter
Research
Towing

Cell (808) 227-5686
59-004 Holawa St.
Haleiwa, HI 96712



Paula
721-6396
photo quilts
66-079 KAM HWY.
HALEIWA, HAWAII 96712
PHONE: (808) 637-1505
FAX: (808) 637-1780

(196)

see page 95
Evelyn LANE'S car

copied
license
TG 779
Honda

see p. 195

Evelyn Lane 61-264C Kaim Hwy
637-7838 Haleiwa 96712

Sunday AT Low TIDE
12/28/03 11:30 AM by GHB

~~15 HAITO PLACE
621-6439~~

Deployed in Deeper Hole in TIDE POOL

Tidbit datalogger, 2 hr. interval

(1st) # 641028

Laniakea, Oahu
activated 11/5/03

deployed:

retrieved:

specific location:

Silicified
in Smooth
Rock

w/white
SPOTS OF PAINT
ON ROCK

1/5/04 Monday
2:30 pm
Laniakea, Oahu

- Second Tidbit datalogger

SN# 557678 silicified 12/28/03

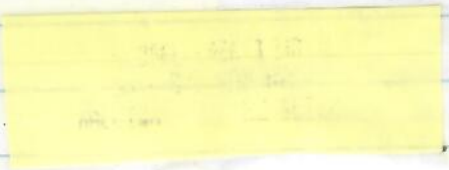
12/22/03 - Activated


- Deployed

into
same
hole
of
Tide
pool

Rough
Rock

w/white
PAINT SPOT
DOTS



Gently TOUCH A MAONA KANI TURTLE AND LET THE MAONA TOUCH YOUR HEART 

USEFUL INFORMATION

FREE FOR KIDS

CONVERSION TABLE

METERS	YARDS	INCHES
1.000	1.093	39.37
.914	1.000	36.00

CENTIMETERS	INCHES	FEET
1.00	.394	.0328
2.54	1.00	1/12
30.48	12.000	1.000

KILOMETERS	MILES
1.000	.621
1.609	1.000

GRAMS	OUNCES	POUNDS
1.00	.035	.002
28.35	1.000	1/16
453.59		
1,000.00		

KILOGRAMS
1.000
.028
.454

LITERS	PINTS
1.000	2.1
.473	1.0
.946	2.0
3.785	8.0

LENGTH
1 meter (m)
1 millimeter
1 centimeter (cm)
1 decimeter (dm)
1 decameter (dkm)
1 hectometer (hm)
1 kilometer (km)

CAPACITY
1 liter (l) = 100 cl
1 milliliter (ml)
1 centiliter (cl)
1 deciliter (dl)

Table of Time Measure

60 seconds	= 1 minutes
60 minutes	= 1 hour
24 hours	= 1 day
7 days	= 1 week
30 days	= 1 calendar month
12 months	= 1 year
365 days	= 1 year
366 days	= 1 leap year

Table of Dry Measure

2 pints (pt.)	= 1 quart (qt.)
8 quarts	= 1 peck (pk.)
4 peck	= 1 bushel (bu.)
12 bushel	= 1 quarter (qr.)
4 quarters	= 1 ton (T.)

Table of Liquid Measure

4 gals. (gl.)	= 1 pint (pt.)
2 pints	= 1 quart (qt.)
4 quarts	= 1 gallon (gal.)
31 1/2 gallons	= 1 barrel (bbl.)
2 barrels	= hogshead (hhd.)

Table of the Cubic Measure

1728 cubic inches	= 1 cubic foot
27 cubic feet	= 1 cubic yard
128 cubic feet	= 1 cord of wood
243/4 cubic feet	= 1 perch of stone

NOTE: A cord of wood is a pile 8 feet long, 4 feet wide, and 4 feet high.
A perch of stone or brick is 16 1/2 feet long, 1-1/2 feet wide, and 1 foot high.

Table of Avoirdupois Weight

16 drams	= 1 ounce (oz.)
16 ounces	= 1 pound (lb.)
100 pounds	= 1 hundredweight (cwt.)
2000 pounds	= 1 ton (T.)
2240 pounds	= 1 long ton

Table of Troy Weight

4 grains (gr.)	= 1 pennyweight (dwt)
20 pennyweights	= 1 ounce (oz.)
12 ounces	= 1 pound (lb.)

Table of Circular Measure

60 seconds (")	= 1 minute (')
60 minutes	= 1 degree (°)
90 degrees	= 1 circumference of the earth's surface or a meridian = 69.16 miles at the equator.

Table of Apothecaries' Weight

grains (gr.)	= 1 scruple
scruples	= 1 dram
drams	= 1 ounce
ounces	= 1 pound (lb.)

Table of Surface Measures

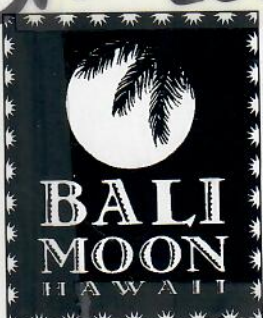
144 sq. in.	= 1 sq. ft.
9 sq. ft.	= 1 sq. yd.
160 sq. ds.	= 1 sq. rod
160 sq. ds.	= 1 acre
36 sq. ds.	= 1 sq. mile
640 acres	= 1 sq. mile
640 acres	= 1 section of land is 1 sq. mile.
36 sq. miles	= 1 township is 36 sq. miles.

May 16, 2004
CIRCLE DISK GLASS-LIKE EPOXIED

2ND LATERAL LEFT = L3

1ST Lateral Left = L5

3rd Lateral Left = L6



Claudio Fernandez

TELEPHONE AREA CODE 808 637-0012

Spoke to him 6/27/04

www.balimoonhawaii.com

e-mail: balimoon1@aol.com

66-200 Kamehameha Hwy. Haleiwa, Hawaii 96712

has wooden turtle carvings



MULTIPLICATION TABLE

4	5	6	7	8	9	10	11	12
8	10	12	14	16	18	20	22	24
2	15	18	21	24	27	30	33	36
6	20	24	28	32	36	40	44	48
0	25	30	35	40	45	50	55	60
4	30	36	42	48	54	60	66	72
8	35	42	49	56	63	70	77	84
2	40	48	56	64	72	80	88	96
6	45	54	63	72	81	90	99	108
0	50	60	70	80	90	100	110	120
4	55	66	77	88	99	110	121	132
8	60	72	84	96	108	120	132	144



Rainbow Bridge Gift Shop

Andres J. Manalo, Sr.
Petra A. Manalo & Patty Ann Manalo

Telephone: (808) 637-7770

62-620 Kam. Hwy., Haleiwa, Hi. 96712

www.hawaiiisites.com

sent 6/28/04

Date: Thu, 7 Oct 2004 21:37:02 -1000
From: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
To: Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>
Subject: PIT tag scanning in the shallows of HonuLani 10/2/04 by GB

10/2/04 Tags read LH's:

4136043861 subadult. I got a real good look this time, or should I say the turtle cozied up to me so much that I couldn't help getting a good look. I could only see two "tumors." A number 2 on the right eye and a number 2 on the dorsal neck. Both were smooth normal-appearing skin and "prune" like. The overall score I would assign is a 1. Note that the last entry (scan I did at HonuLani) the score showed on the historical as a 0. That one really should be "-" no score assigned, or the 1 that I saw it to be this time (a few weeks later).

I also picked two more turtles with PIT tags:

4347691B2D adult female - L3

and

41362B276B adult female (I believe you already gave me the history on this one as I read it the last time I did shallow water readings at HonuLani.

Low priority when you have time please enter and provide historicals.

Historical Information for Turtle Tag 350E2159

George H. Balazs

Marine Turtle Research Program

NMFS Pacific Islands Fisheries Science Center

2570 Dole Street

Honolulu, Hawaii 96822-2396

gbalazs@honlab.nmfs.hawaii.edu

Tag Information:

Tag Number	Date	Tag Type	Tag Position
350E2159	1/3/2000	PIT	RHF
36043861	1/3/2000	PIT	LHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Straight Carapace	Since Last Encounter			Overall		
						Interval Month	Year	Growth-Rates cm/mo	Interval Month	Year	Growth-Rates cm/mo
12/14/1999	Stranding	Oahu, Chun's Reef 12-14-99A	2	-	61.0	---	---	---	---	---	---
12/14/1999	Near Shore	Oahu, Chun's Reef	2	-	61.0	---	---	---	---	---	---
1/3/2000	Near Shore	Oahu, Kaneohe Bay	2	-	61.4	---	---	---	---	---	---
3/19/2000	Stranding	Oahu, Haleiwa Beach Park	3	-	60.9	2.0	0.2	---	3.0	0.3	0.0
4/6/2000	Near Shore	Oahu, Kaneohe Bay, Kaneohe Beach Park	3	-	60.9	---	---	---	3.0	0.3	0.0
9/18/2004	Near Shore	Oahu, Laniakea	0	-	---	53.0	4.4	---	57.0	4.8	---

Historical Information for Turtle Tag 350E2159
 George H. Balazs
 Marine Turtle Research Program
 NMFS Pacific Islands Fisheries Science Center
 2570 Dole Street
 Honolulu, Hawaii 96822-2396
 gbalazs@honlab.nmfs.hawaii.edu

Tag Information:

<u>Tag Number</u>	<u>Date</u>	<u>Tag Type</u>	<u>Tag Position</u>
350E2159	1/3/2000	PIT	RHF
36043861	1/3/2000	PIT	LHF

<u>Date</u>	<u>Type of Encounter</u>	<u>Location</u>	<u>Tumor Rank</u>	<u>Nesting Act</u>	<u>Curved Carapace</u>	<u>Since Last Encounter</u>			<u>Overall</u>			
						<u>Interval</u>	<u>Year</u>	<u>Growth-Rates</u>	<u>Interval</u>	<u>Year</u>	<u>Growth-Rates</u>	
						<u>Month</u>	<u>Year</u>	<u>cm/mo</u>	<u>Month</u>	<u>Year</u>	<u>cm/mo</u>	<u>cm/yr</u>
12/14/1999	Stranding	Oahu, Chun's Reef 12-14-99A	2	-	65.5	---	---	---	---	---	---	---
12/14/1999	Near Shore	Oahu, Chun's Reef	2	-	65.5	---	---	---	---	---	---	---
1/3/2000	Near Shore	Oahu, Kaneohe Bay	2	-	65.5	---	---	---	---	---	---	---
3/19/2000	Stranding	Oahu, Haleiwa Beach Park	3	-	65.5	2.0	0.2	0.0	3.0	0.3	0.0	0.0
4/6/2000	Near Shore	Oahu, Kaneohe Bay, Kaneohe Beach Park	3	-	65.5	---	---	---	3.0	0.3	0.0	0.0
9/18/2004	Near Shore	Oahu, Laniakea	0	-	---	53.0	4.4	---	57.0	4.8	---	---

Historical Information for Turtle Tag 4347691B2D

George H. Balazs

Marine Turtle Research Program

NMFS Pacific Islands Fisheries Science Center

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gbalazs@honlab.nmfs.hawaii.edu

Tag Information:

Tag Number	Date	Tag Type	Tag Position
4347691B2D	9/18/2003	PIT	LHF
4358740927	9/18/2003	PIT	RHF

Date	Type of Encounter	Location:	TumorRank:	NestingAct:	Straight Carapace	Since Last Encounter				Overall				
						Interval Month	Year	Growth-Rates cm/mo	Growth-Rates cm/yr	Interval Month	Year	Growth-Rates cm/mo	Growth-Rates cm/yr	
9/18/2003	Near Shore	Oahu, Laniakea - Basking	0	-	86.1	---	---	---	---	---	---	---	---	---
1/20/2004	Near Shore	Oahu, Laniakea- Basking	0	-	---	4.0	0.3	---	---	4.0	0.3	---	---	---
1/21/2004	Near Shore	Oahu, Laniakea- Basking	0	-	---	---	---	---	---	4.0	0.3	---	---	---
2/3/2004	Near Shore	Oahu, Laniakea	0	-	86.7	---	---	---	---	4.0	0.3	0.2	0.2	2.0

Historical Information for Turtle Tag 4347691B2D

George H. Balazs
 Marine Turtle Research Program
 NMFS Pacific Islands Fisheries Science Center
 2570 Dole Street
 Honolulu, Hawaii 96822-2396
 gbalazs@honiab.nmfs.hawaii.edu

Tag Information:

Tag Number	Date	Tag Type	Tag Position
4347691B2D	9/18/2003	PIT	LHF
4358740927	9/18/2003	PIT	RHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act.	Curved Carapace	Since Last Encounter			Overall		
						Interval Month	Year	Growth-Rates cm/mo	Interval Month	Year	Growth-Rates cm/mo
9/18/2003	Near Shore	Oahu, Laniakea - Basking	0	-	95.0	---	---	---	---	---	---
1/20/2004	Near Shore	Oahu, Laniakea - Basking	0	-	---	4.0	0.3	---	4.0	0.3	---
1/21/2004	Near Shore	Oahu, Laniakea - Basking	0	-	---	---	---	---	4.0	0.3	---
2/3/2004	Near Shore	Oahu, Laniakea	0	-	94.5	---	---	---	4.0	0.3	---

Historical Information for Turtle Tag 413570093A

George H. Balazs

Marine Turtle Research Program

NMFS Pacific Islands Fisheries Science Center

2570 Dole Street

Honolulu, Hawaii 96822-2396

gbalazs@honiab.nmfs.hawaii.edu

Tag Information:

Tag Number	Date	Tag Type	Tag Position
413570093A	6/21/1999	PIT	RHF
41362B276B	6/8/1999	PIT	LHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Straight Carapace	Since Last Encounter			Overall			
						Interval	Year	Growth-Rates	Interval	Year	Growth-Rates	
						Month	Year	cm/mo	Month	Year	cm/mo	cm/yr
6/8/1999	Nesting	East	0	P	90.5	---	---	---	---	---	---	---
6/21/1999	Nesting	East	0	C	90.5	---	---	---	---	---	---	---
6/22/1999	Nesting	East	0	M	90.5	---	---	---	---	---	---	---
9/18/2004	Near Shore	Oahu, Laniakea	0	-	---	62.0	5.2	---	63.0	5.3	---	---

Historical Information for Turtle Tag 413570093A

George H. Balazs
 Marine Turtle Research Program
 NMFS Pacific Islands Fisheries Science Center
 2570 Dole Street
 Honolulu, Hawaii 96822-2396
 gbalazs@hnlab.nmfs.hawaii.edu

Tag Information:

Tag Number	Date	Tag Type	Tag Position
413570093A	6/21/1999	PIT	RHF
41362B276B	6/8/1999	PIT	LHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act.	Curved Carapace	Since Last Encounter			Overall		
						Interval Month	Year	Growth-Rates cm/mo	Interval Month	Year	Growth-Rates cm/mo
6/8/1999	Nesting	East	0	P	96.5	---	---	---	---	---	---
6/21/1999	Nesting	East	0	C	96.5	---	---	---	---	---	---
6/22/1999	Nesting	East	0	M	96.5	---	---	---	---	---	---
9/18/2004	Near Shore	Oahu, Laniakea	0	-	---	62.0	5.2	---	63.0	5.3	---

Subject: New Basker (fwd)

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

Date: Thu, 7 Oct 2004 21:23:07 -1000

To: Shawn Murakawa <smurakawa@mail.nmfs.hawaii.edu>

For tdps and please tell me about the history of the turtle because she's anxious to know. Strangely she didn't notice the sex (long tail or not) or anything else about it. I think she was too busy chatting with beach goers when she scanned the turtle (late this pm today 10/7/04).

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

Date: Fri, 8 Oct 2004 01:11:55 EDT

From: Jokaloke@aol.com

To: gbalazs@honlab.nmfs.hawaii.edu

Subject: New Basker

Hi George,

Can you tell me anything about this new basker at Honulani?

Tags

413E195E1C

4136321B65

Mahalo,
Joanne

Historical Information for Turtle Tag 4136321B65

George H. Balazs
 Marine Turtle Research Program
 NMFS Pacific Islands Fisheries Science Center
 2570 Dole Street
 Honolulu, Hawaii 96822-2396
 gbalazs@honlab.nmfs.hawaii.edu

Tag Information:

Tag Number	Date	Tag Type	Tag Position
4136321B65	6/30/2000		RHF
413E195E1C	6/30/2000		LHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Since Last Encounter			Overall						
					Interval	Growth-Rates	Interval	Month	Year	Month	Year	cm/mo	cm/yr	
6/30/2000	Nesting	East	0	X	---	---	---	---	---	---	---	---	---	---
					86.0									

Historical Information for Turtle Tag 4136321B65

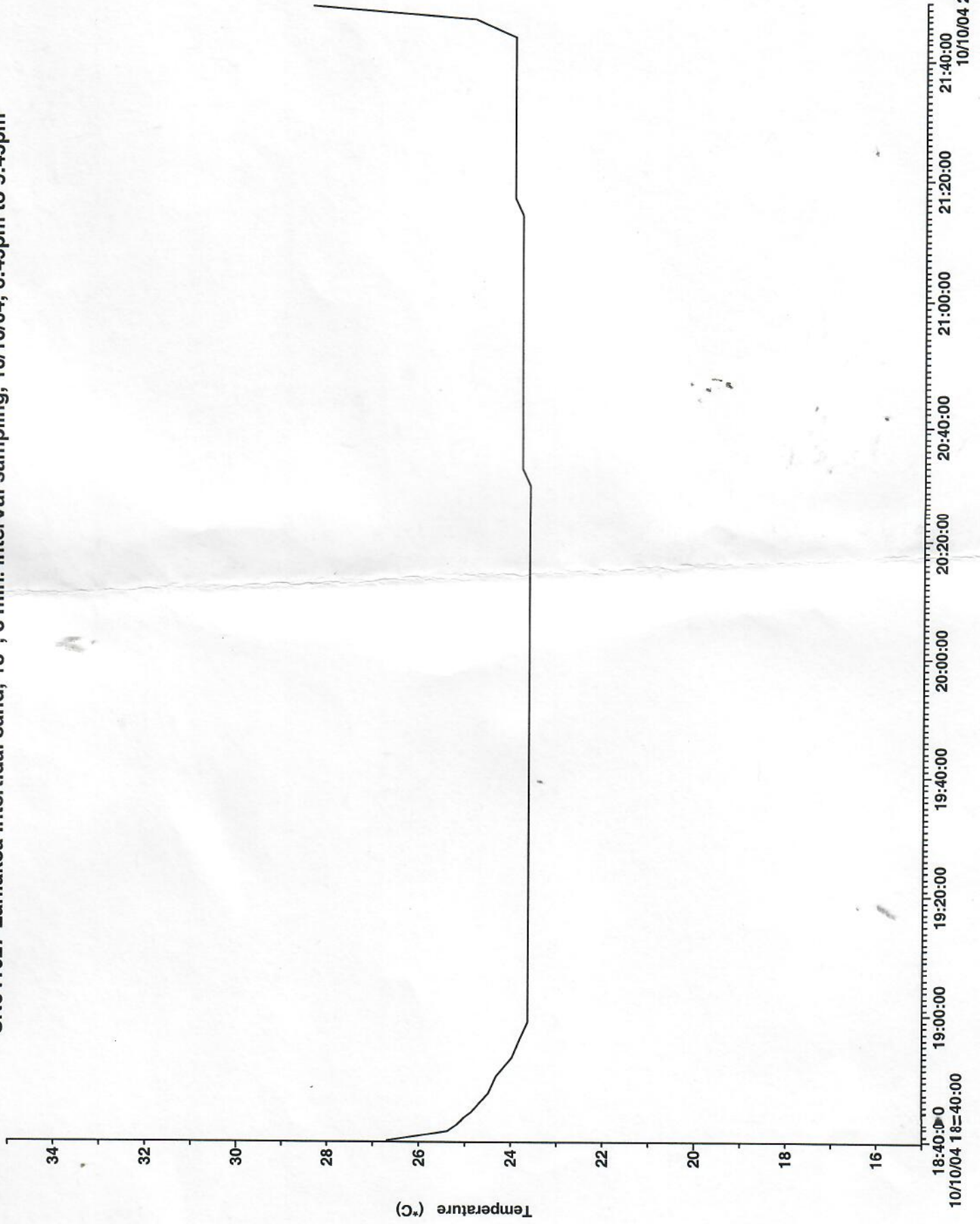
George H. Balazs
 Marine Turtle Research Program
 NMFS Pacific Islands Fisheries Science Center
 2570 Dole Street
 Honolulu, Hawaii 96822-2396
 gbalazs@honiab.nmfs.hawaii.edu

Tag Information:

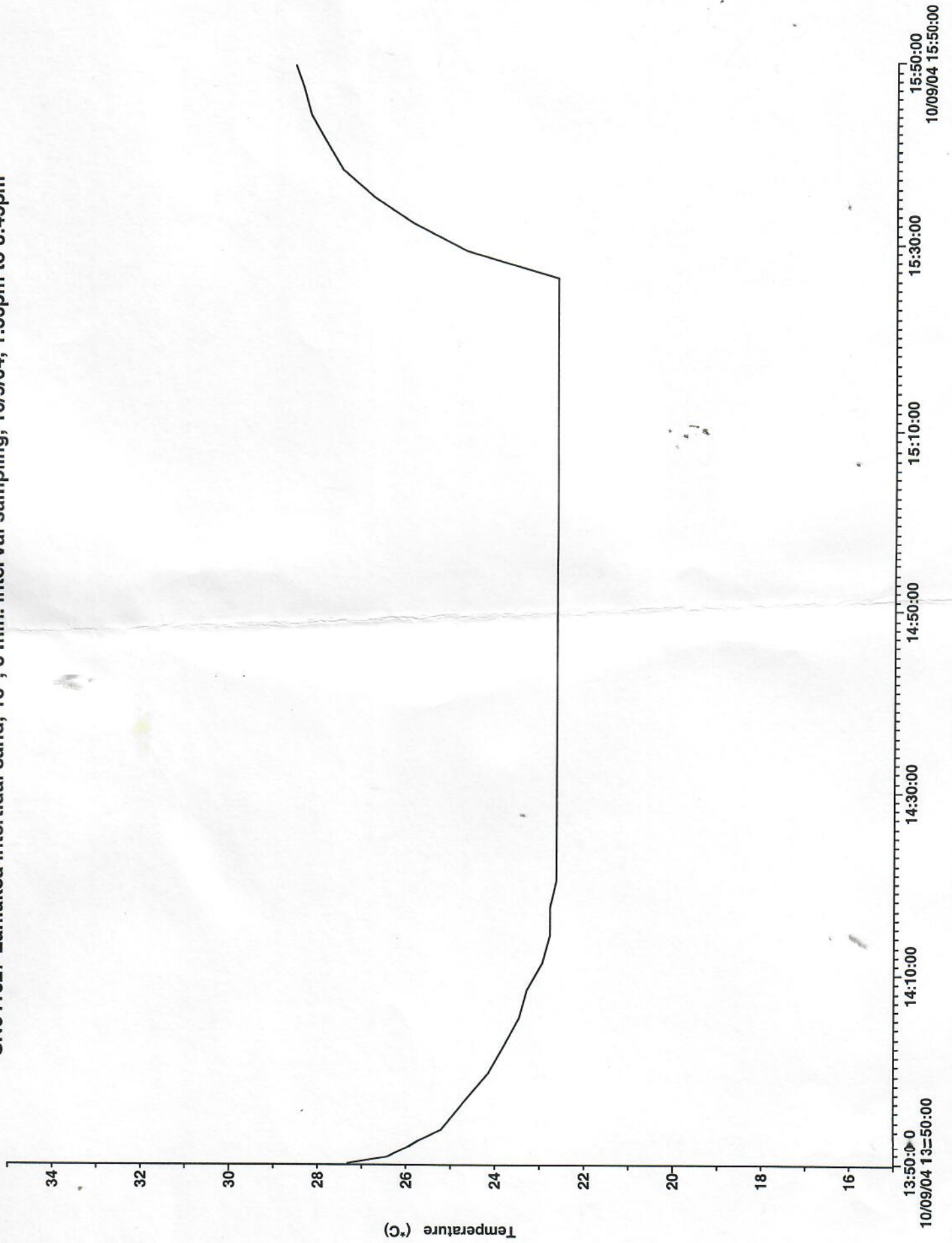
<u>Tag Number</u>	<u>Date</u>	<u>Tag Type</u>	<u>Tag Position</u>
4136321B65	6/30/2000		RHF
413E195E1C	6/30/2000		LHF

<u>Date</u>	<u>Type of Encounter</u>	<u>Location:</u>	<u>TumorRank:</u>	<u>NestingAct:</u>	<u>Curved Carapace</u>	<u>Since Last Encounter</u>			<u>Overall</u>		
						<u>Interval</u>	<u>Year</u>	<u>Growth-Rates</u>	<u>Interval</u>	<u>Year</u>	<u>Growth-Rates</u>
6/30/2000	Nesting	East	0	X	93.5	---	---	---	---	---	---

SN641027 Laniakea intertidal sand, 18", 3 min. interval sampling, 10/10/04, 6:45pm to 9:45pm



SN641027 Laniakea intertidal sand, 18", 3 min. interval sampling, 10/9/04, 1:55pm to 3:45pm



Laniakea intertidal sand, 18"

10/9/04 1:55pm to 3:45pm

Series	Temperature (*C)
10/09/04 13:50:43.0	26.4
10/09/04 13:53:43.0	25.18
10/09/04 13:56:43.0	24.66
10/09/04 13:59:43.0	24.14
10/09/04 14:02:43.0	23.79
10/09/04 14:05:43.0	23.44
10/09/04 14:08:43.0	23.28
10/09/04 14:11:43.0	22.94
10/09/04 14:14:43.0	22.77
10/09/04 14:17:43.0	22.77
10/09/04 14:20:43.0	22.61
10/09/04 14:23:43.0	22.61
10/09/04 14:26:43.0	22.61
10/09/04 14:29:43.0	22.61
10/09/04 14:32:43.0	22.61
10/09/04 14:35:43.0	22.61
10/09/04 14:38:43.0	22.61
10/09/04 14:41:43.0	22.61
10/09/04 14:44:43.0	22.61
10/09/04 14:47:43.0	22.61
10/09/04 14:50:43.0	22.61
10/09/04 14:53:43.0	22.61
10/09/04 14:56:43.0	22.61
10/09/04 14:59:43.0	22.61
10/09/04 15:02:43.0	22.61
10/09/04 15:05:43.0	22.61
10/09/04 15:08:43.0	22.61
10/09/04 15:11:43.0	22.61
10/09/04 15:14:43.0	22.61
10/09/04 15:17:43.0	22.61
10/09/04 15:20:43.0	22.61
10/09/04 15:23:43.0	22.61
10/09/04 15:26:43.0	22.61
10/09/04 15:29:43.0	24.66
10/09/04 15:32:43.0	25.88
10/09/04 15:35:43.0	26.76
10/09/04 15:38:43.0	27.47
10/09/04 15:41:43.0	27.83
10/09/04 15:44:43.0	28.19
10/09/04 15:47:43.0	28.37
10/09/04 15:50:43.0	28.56

10/10/04 6:45pm to 9:45pm

Series	Temperature (*C)
10/10/04 18:38:43.0	27.65
10/10/04 18:41:43.0	25.35
10/10/04 18:44:43.0	24.83
10/10/04 18:47:43.0	24.48
10/10/04 18:50:43.0	24.31
10/10/04 18:53:43.0	23.96
10/10/04 18:56:43.0	23.79
10/10/04 18:59:43.0	23.62
10/10/04 19:02:43.0	23.62

10/10/04 19:05:43.0	23.62
10/10/04 19:08:43.0	23.62
10/10/04 19:11:43.0	23.62
10/10/04 19:14:43.0	23.62
10/10/04 19:17:43.0	23.62
10/10/04 19:20:43.0	23.62
10/10/04 19:23:43.0	23.62
10/10/04 19:26:43.0	23.62
10/10/04 19:29:43.0	23.62
10/10/04 19:32:43.0	23.62
10/10/04 19:35:43.0	23.62
10/10/04 19:38:43.0	23.62
10/10/04 19:41:43.0	23.62
10/10/04 19:44:43.0	23.62
10/10/04 19:47:43.0	23.62
10/10/04 19:50:43.0	23.62
10/10/04 19:53:43.0	23.62
10/10/04 19:56:43.0	23.62
10/10/04 19:59:43.0	23.62
10/10/04 20:02:43.0	23.62
10/10/04 20:05:43.0	23.62
10/10/04 20:08:43.0	23.62
10/10/04 20:11:43.0	23.62
10/10/04 20:14:43.0	23.62
10/10/04 20:17:43.0	23.62
10/10/04 20:20:43.0	23.62
10/10/04 20:23:43.0	23.62
10/10/04 20:26:43.0	23.62
10/10/04 20:29:43.0	23.62
10/10/04 20:32:43.0	23.79
10/10/04 20:35:43.0	23.79
10/10/04 20:38:43.0	23.79
10/10/04 20:41:43.0	23.79
10/10/04 20:44:43.0	23.79
10/10/04 20:47:43.0	23.79
10/10/04 20:50:43.0	23.79
10/10/04 20:53:43.0	23.79
10/10/04 20:56:43.0	23.79
10/10/04 20:59:43.0	23.79
10/10/04 21:02:43.0	23.79
10/10/04 21:05:43.0	23.79
10/10/04 21:08:43.0	23.79
10/10/04 21:11:43.0	23.79
10/10/04 21:14:43.0	23.79
10/10/04 21:17:43.0	23.96
10/10/04 21:20:43.0	23.96
10/10/04 21:23:43.0	23.96
10/10/04 21:26:43.0	23.96
10/10/04 21:29:43.0	23.96
10/10/04 21:32:43.0	23.96
10/10/04 21:35:43.0	23.96
10/10/04 21:38:43.0	23.96
10/10/04 21:41:43.0	23.96



Handwritten notes and diagrams in blue ink, including the words 'X-axis', 'Y-axis', and 'Z-axis' written vertically. There are also some illegible handwritten notes and diagrams scattered across the bottom half of the page.

Date: Mon, 11 Oct 2004 22:26:54 -1000
From: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
To: Cody Hooven <chooven@mail.nmfs.hawaii.edu>,
Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>
Subject: PIT tags read recently at HonuLani in nearshore waters

10/9/04 413570093A

10/9 4136043861

10/9 413E195E1C

Cody none of these are yours but you could look them up to take the burden off of Shawn. Txn.

Historical Information for Turtle Tag 413570093A

George H. Balazs
 Marine Turtle Research Program
 NIMFS Pacific Islands Fisheries Science Center
 2570 Dole Street
 Honolulu, Hawaii 96822-2396
 gbalazs@honlab.nmfs.hawaii.edu

Tag Information:

Tag Number	Date	Tag Type	Tag Position
413570093A	6/21/1999	PIT	RHF
41362B276B	6/8/1999	PIT	LHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Straight Carapace	Since Last Encounter			Overall		
						Interval Month	Interval Year	Growth-Rates cm/mo	Interval Month	Interval Year	Growth-Rates cm/mo
6/8/1999	Nesting	East	0	P	90.5	---	---	---	---	---	---
6/21/1999	Nesting	East	0	C	90.5	---	---	---	---	---	---
6/22/1999	Nesting	East	0	M	90.5	---	---	---	---	---	---
9/18/2004	Near Shore	Oahu, Laniakea	0	-	---	62.0	5.2	---	63.0	5.3	---

Historical Information for Turtle Tag 413570093A

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 NMFS Pacific Islands Fisheries Science Center
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 gbalazs@honlab.nmfs.hawaii.edu

Tag Information:

Tag Number	Date	Tag Type	Tag Position
413570093A	6/21/1999	PIT	RHF
41362B276B	6/8/1999	PIT	LHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Curved Carapace	Since Last Encounter			Overall		
						Interval Month	Interval Year	Growth-Rates cm/mo	Interval Month	Interval Year	Growth-Rates cm/mo
6/8/1999	Nesting	East	0	P	96.5	---	---	---	---	---	---
6/21/1999	Nesting	East	0	C	96.5	---	---	---	---	---	---
6/22/1999	Nesting	East	0	M	96.5	---	---	---	---	---	---
9/18/2004	Near Shore	Oahu, Laniakea	0	-	---	62.0	5.2	---	63.0	5.3	---

Historical Information for Turtle Tag 350E2159

George H. Balazs
 Marine Turtle Research Program
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 gbalazs@honiab.nmfs.hawaii.edu

Tag Information:

Tag Number	Date	Tag Type	Tag Position
350E2159	1/3/2000	PIT	RHF
36043861	1/3/2000	PIT	LHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Straight Carapace	Since Last Encounter			Overall			
						Interval Month	Interval Year	Growth-Rates cm/mo	Interval Month	Interval Year	Growth-Rates cm/mo	
12/14/1999	Stranding	Oahu, Chun's Reef 12-14-99A	2	-	61.0	---	---	---	---	---	---	---
12/14/1999	Near Shore	Oahu, Chun's Reef	2	-	61.0	---	---	---	---	---	---	---
1/3/2000	Near Shore	Oahu, Kaneohe Bay	2	-	61.4	---	---	---	---	---	---	---
3/19/2000	Stranding	Oahu, Haleiwa Beach Park	3	-	60.9	---	0.2	---	3.0	0.3	0.0	---
4/6/2000	Near Shore	Oahu, Kaneohe Bay, Kaneohe Beach Park	3	-	60.9	---	---	---	3.0	0.3	0.0	---
9/18/2004	Near Shore	Oahu, Laniakea	0	-	---	53.0	4.4	---	57.0	4.8	---	---

Historical Information for Turtle Tag 350E2159

George H. Balazs
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 2570 Dole Street
 Honolulu, Hawaii 96822-2396
 gbalazs@honlab.nmfs.hawaii.edu

Tag Information:

Tag Number	Date	Tag Type	Tag Position
350E2159	1/3/2000	PIT	RHF
36043861	1/3/2000	PIT	LHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Curved Carapace	Since Last Encounter			Overall			
						Interval Month	Year	Growth-Rates cm/mo	Interval Month	Year	Growth-Rates cm/mo	
12/14/1999	Stranding	Oahu, Chun's Reef 12-14-99A	2	-	65.5	---	---	---	---	---	---	---
12/14/1999	Near Shore	Oahu, Chun's Reef	2	-	65.5	---	---	---	---	---	---	---
1/3/2000	Near Shore	Oahu, Kaneohe Bay	2	-	65.5	---	---	---	---	---	---	---
3/19/2000	Stranding	Oahu, Haleiwa Beach Park	3	-	65.5	2.0	0.2	0.0	3.0	0.3	0.0	0.0
4/6/2000	Near Shore	Oahu, Kaneohe Bay, Kaneohe Beach Park	3	-	65.5	---	---	---	3.0	0.3	0.0	0.0
9/18/2004	Near Shore	Oahu, Laniakea	0	-	---	53.0	4.4	---	57.0	4.8	---	---

Historical Information for Turtle Tag 4136321B65

George H. Balazs
 Marine Turtle Research Program
 NMFS Pacific Islands Fisheries Science Center
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 gbalazs@honlab.nmfs.hawaii.edu

Tag Information:

<u>Tag Number</u>	<u>Date</u>	<u>Tag Type</u>	<u>Tag Position</u>
4136321B65	6/30/2000		RHF
413E195E1C	6/30/2000		LHF

<u>Date</u>	<u>Type of Encounter</u>	<u>Location</u>	<u>Tumor Rank</u>	<u>Nesting Act</u>	<u>Straight Carapace</u>	<u>Since Last Encounter</u>			<u>Overall</u>		
						<u>Interval</u>	<u>Month</u>	<u>Year</u>	<u>Growth-Rates</u>	<u>Interval</u>	<u>Month</u>
						<u>cm/mo</u>	<u>cm/yr</u>	<u>cm/mo</u>	<u>cm/yr</u>	<u>cm/mo</u>	<u>cm/yr</u>
6/30/2000	Nesting	East	0	X	86.0	---	---	---	---	---	---

Historical Information for Turtle Tag 4136321B65

George H. Balazs
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 NMFS Pacific Islands Fisheries Science Center
 2570 Dole Street
 Honolulu, Hawaii 96822-2396
 gbalazs@honlab.nmfs.hawaii.edu

Tag Information:

<u>Tag Number</u>	<u>Date</u>	<u>Tag Type</u>	<u>Tag Position</u>
4136321B65	6/30/2000		RHF
413E195E1C	6/30/2000		LHF

<u>Date</u>	<u>Type of Encounter</u>	<u>Location:</u>	<u>Tumor/Rank:</u>	<u>Nesting/Act:</u>	<u>Curved Carapace</u>	<u>Since Last Encounter</u>			<u>Overall</u>			
						<u>Interval</u>	<u>Year</u>	<u>Growth-Rates</u>	<u>Interval</u>	<u>Year</u>	<u>Growth-Rates</u>	
6/30/2000	Nesting	East	0	X	93.5	---	---	---	---	---	---	---

Date: Tue, 28 Sep 2004 21:57:15 -1000
From: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
To: Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>
Subject: Stranding summary for this week (fwd)

Shawn which one was a SLP release i don't think I have the historical for that in my mail. When you have the time, please do. Also, I think I still need a historical for the SLP turtle I read the tag on PIT at Honulani in shallow water just before I left.

Date: Fri, 24 Sep 2004 15:48:46 -1000
From: Erin Siebert <Erin.Siebert@noaa.gov>
To: gbalazs@honlab.nmfs.hawaii.edu
Cc: Shawn Murakawa <Shawn.Murakawa@noaa.gov>
Subject: Stranding summary for this week

? Here are 2 that you were possibly looking for.

George-
Here is the stranding summary for this week:

9/19 Haleiwa, Oahu
Found alive, extremely emaciated, entangled in fishing line. Taken to MAC, then KRF. Found dead 9/23, taken to A2 freezer.

9/20 Waimanalo, Oahu
Found dead with line entangling front flippers. Taken to A2 freezer

9/20 Kamehame, Hawaii
Live tumored turtle shipped to Honolulu. Taken to MAC; Dr. Morris froze the eye tumors with liquid nitrogen. Released in Kaneohe Bay 9/22.

9/21 KMCBH Pyramid Rock, Oahu
Found alive and lethargic being tossed around in the wavewash. Beachgoers tried to swim turtle out to deeper water, but turtle was washed back in by waves. Taken to MAC, but Dr. Morris couldn't find anything wrong with turtle (other than being somewhat lethargic) Released in Kaneohe Bay 9/22.

9/22 A Waimanalo, Oahu
Found dead, no tumors. Taken to A2 freezer

9/22 B Ulehawa Canal (Waianae), Oahu
Found alive and emaciated, trapped inside Ulehawa Canal by construction. Taken to KRF 9/23. Ate 9 squid and 10 fish 9/24.

9/23 Kaneohe Bay, Oahu
Found dead at the waters edge. Had a few tumors and barnacles. Taken to A2 freezer.

9/10 Yokohama update: RFF stump amputation surgery on 9/24

--
Erin Siebert
JIMAR/NMFS Marine Turtle Biological Research Technician
Marine Turtle Research Program

Historical Information for Turtle Tag 413570093A

George H. Balazs

Marine Turtle Research Program

NMFS Pacific Islands Fisheries Science Center

2570 Dole Street

Honolulu, Hawaii 98622-2396

gbalazs@honlab.nmfs.hawaii.edu

Handwritten signature: gbalazs

Tag Information:

Tag Number	Date	Tag Type	Tag Position
413570093A	6/21/1999	PIT	RHF
41362B276B	6/8/1999	PIT	LHF

Date	Type of Encounter	Location	TumorRank	Nesting/Act	Straight Carapace	Since Last Encounter			Overall		
						Interval Month	Year	Growth-Rates cm/mo	Interval Month	Year	Growth-Rates cm/mo
6/8/1999	Nesting	East	0	P	90.5	---	---	---	---	---	---
6/21/1999	Nesting	East	0	C	90.5	---	---	---	---	---	---
6/22/1999	Nesting	East	0	M	90.5	---	---	---	---	---	---
9/18/2004	Near Shore	Oahu, Laniakea	0	-	---	62.0	5.2	---	63.0	5.3	---

Historical Information for Turtle Tag 350E2159

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 2570 Dole Street
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 gbalazs@honiab.nmfs.hawaii.edu

Tag Information:

Tag Number	Date	Tag Type	Tag Position
350E2159	1/3/2000	PIT	RHF
36043861	1/3/2000	PIT	LHF

Date	Type of Encounter	Location	TurnorRank:	NestingAct:	Straight Carapace	Since Last Encounter			Overall			
						Interval Month	Year	Growth-Rates cm/mo	Interval Month	Year	Growth-Rates cm/mo	
12/14/1999	Stranding	Oahu, Chun's Reef 12-14-99A	2	-	61.0	---	---	---	---	---	---	---
12/14/1999	Near Shore	Oahu, Chun's Reef	2	-	61.0	---	---	---	---	---	---	---
1/3/2000	Near Shore	Oahu, Kaneohe Bay	2	-	61.4	---	---	---	---	---	---	---
3/19/2000	Stranding	Oahu, Haleiwa Beach Park	3	-	60.9	2.0	0.2	---	3.0	0.3	0.0	---
4/6/2000	Near Shore	Oahu, Kaneohe Bay, Kaneohe Beach Park	3	-	60.9	---	---	---	3.0	0.3	0.0	---
9/18/2004	Near Shore	Oahu, Laniakea	0	-	---	53.0	4.4	---	57.0	4.8	---	---

Historical Information for Turtle Tag 350E2159

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 NMFS Pacific Islands Fisheries Science Center
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 gbalazs@honlab.nmfs.hawaii.edu

Tag Information:

Tag Number	Date	Tag Type	Tag Position
350E2159	1/3/2000	PIT	RHF
36043861	1/3/2000	PIT	LHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act.	Weight	Since Last Encounter				Overall				
						Interval Month	Year	lbs/mo	lbs/yr	Interval Month	Year	lbs/mo	lbs/yr	
12/14/1999	Stranding	Oahu, Chun's Reef 12-14-99A	2	-	---	---	---	---	---	---	---	---	---	---
12/14/1999	Near Shore	Oahu, Chun's Reef	2	-	---	---	---	---	---	---	---	---	---	---
1/3/2000	Near Shore	Oahu, Kaneohe Bay	2	-	64.0	---	---	---	---	---	---	---	---	---
3/19/2000	Stranding	Oahu, Haleiwa Beach Park	3	-	65.4	2.0	0.2	0.7	7.0	3.0	0.3	---	---	---
4/6/2000	Near Shore	Oahu, Kaneohe Bay, Kaneohe Beach Park	3	-	65.4	---	---	---	---	3.0	0.3	---	---	---
9/18/2004	Near Shore	Oahu, Laniakea	0	-	---	53.0	4.4	---	---	57.0	4.8	---	---	---

Date: Tue, 12 Oct 2004 14:12:59 -1000
From: Shawn Murakawa <smurakawa@mail.nmfs.hawaii.edu>
Reply-To: Shawn.Murakawa@noaa.gov
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Re: New Basker (fwd)

This is a 2000 nester.

George H. Balazs wrote:

>For tdps and please tell me about the history of the turtle because
>she's anxious to know. Strangely she didn't notice the sex (long tail or
>not) or anything else about it. I think she was too busy chatting with
>beach goers when she scanned the turtle (late this pm today 10/7/04).

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

>Date: Fri, 8 Oct 2004 01:11:55 EDT

>From: Jokaloke@aol.com

>To: gbalazs@honlab.nmfs.hawaii.edu

>Subject: New Basker

>
>Hi George,

>
> Can you tell me anything about this new basker at Honulani?

>
> Tags

413E195E1C

4136321B65

>Mahalo,

> Joanne

--
Shawn K .K. Murakawa
Program Coordinator
Marine Turtle Research
National Marine Fisheries Service
Pacific Islands Fisheries Science Center
2570 Dole Street
Honolulu, Hawaii 96822-2396
(808) 983-5731
Fax: (808) 983-2902

Date: Tue, 12 Oct 2004 14:10:18 -1000
From: Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Re: PIT tag scanning in the shallows of HonuLani 10/2/04 by GB

4136043861 - this is the 12/14/99 stranding at Chun's that was released in KBay on 1/3/00. It stranded again on 3/19/00 and we released it on 4/6/00. You had also scanned it on 9/18/04.

4347691B2D - this is L3.

41362B276B - 99 nester. You had also scanned it on 9/18/04.

Will leave historicals in your box.

On Thu, 7 Oct 2004, George H. Balazs wrote:

>
> 10/2/04 Tags read LH's:
>
> 4136043861 subadult. I got a real good look this time, or should I say
> the turtle cozied up to me so much that I couldn't help getting a good
> look. I could only see two "tumors." A number 2 on the right eye and a
> number 2 on the dorsal neck. Both were smooth normal-appearing skin and
> "prune" like. The overall score I would assign is a 1. Note that the
> last entry (scan I did at HonuLani) the score showed on the historical
> as a 0. That one really should be "-" no score assigned, or the 1 that I
> saw it to be this time (a few weeks later).

>
> I also picked two more turtles with PIT tags:

>
> 4347691B2D adult female

>
> and

>
> 41362B276B adult female (I believe you already gave me the history on
> this one as I read it the last time I did shallow water readings at
> HonuLani.

>
> Low priority when you have time please enter and provide historicals.

>
>
>
>
>

Date: Tue, 12 Oct 2004 14:13:33 -1000
From: Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Re: PIT tags read recently at HonuLani in nearshore waters

413570093A - 99 nester - SCL=90.5cm, CCL=96.5cm. Scanned by you on 9/18/04.

4136043861 - 12/14/99 Chun's Reef stranding.

413E195E1C - 00 nester - SCL=86.0cm, CCL=93.5cm.

Will leave historicals in your box.

On Tue, 12 Oct 2004, George H. Balazs wrote:

> not sure what you said :) but sounds good to me there is no rush.

>

>

> On Tue, 12 Oct 2004, Shawn Murakawa wrote:

>

> > Sorry George, but since I'm on my computer I'll get the info to you
> > later today. If you need it sooner, let me know.

>

>

> > *****

>

>

> > On Mon, 11 Oct 2004, George H. Balazs wrote:

>

>

> > > 10/9/04 413570093A

>

>

> > > 10/9 4136043861

>

>

> > > 10/9 413E195E1C

>

>

> > > Cody none of these are yours but you could look them up to take the
> > > burden off of Shawn. Txn.

>

>

>

>

○ 2nd Lateral Left = L3

1st Cat Left = L5

3rd Cat Left = L6

Handwritten label on the right edge of the notebook cover, partially obscured by the binding.

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